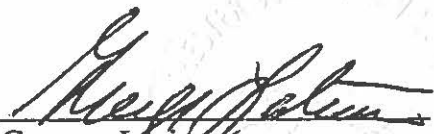


George Latimer
County Executive

WHEREAS, a vacancy exists in the membership of the Westchester County Arab American Advisory Board, due to the newly created Board:

NOW, THEREFORE, I, George Latimer, County Executive of Westchester County, in accordance with the terms and provisions of the Westchester County Charter, appoint Ali Chettih, 32 Fenwick Road, Hastings-on-Hudson, New York as a member of the Westchester County Arab American Advisory Board, for the term January 12, 2021 to December 31, 2022.

Given under my hand
and seal this 12th day
of January, 2021.



George Latimer
County Executive

George Latimer
County Executive

January 12, 2021

Mr. Ali Chettih
32 Fenwick Road
Hastings-on-Hudson, NY 10706

Dear Mr. Chettih,

It is my pleasure to appoint you to serve as a member of the Westchester County Arab American Advisory Board, effective today, Tuesday, January 12, 2021, pursuant to Executive Order Number 8 of 2019. This appointment is for a term to expire on December 31, 2022.

Your appointment is subject to confirmation by the Westchester County Board of Legislators, but your service begins immediately. You must complete the attached Oath of Office and file it with the County Clerk prior to the next Arab American Advisory Board meeting, and provide this office with a copy within 30 days. Please contact Martha Lopez at (914) 995-2947 for the date, place, and time of the Arab American Advisory Board's upcoming meeting for your participation.

When you have filed your Oath of Office, a Resolution to confirm your appointment will be submitted to the County Board of Legislators. As part of the confirmation process, you may be called before the Board to be interviewed.

Pursuant to Local Law, as a member of a Westchester County Board and/or Commission, you are responsible for adhering to the requirements of our Code of Ethics, which includes the annual filing of a financial disclosure statement with the County Board of Ethics. A financial disclosure form is attached.

Warmest wishes for a successful tenure.

Very Truly Yours,



George Latimer
Westchester County Executive

GL/wm

cc: Honorable Board of Legislators
Joan McDonald, Director of Operations

Office of the County Executive

Michaelian Office Building
148 Martine Avenue
White Plains, New York 10601

Email: ce@westchestergov.com
Telephone: (914)995-2900

westchestergov.com

ALI CHETTIH

32 Fenwick Road
Hastings-On-Hudson, NY 10706

(914) 318-7203
achettih@gmail.com

SECURITY EXPERIENCE

- Risk management framework design & review (NIST, ISACA), compliance oversight.
- Q1Labs' QRadar Security Intelligence, log analysis, and fine tuning for assets protection.
- In-depth knowledge of security technologies, vulnerability management & scanning (Nessus, Rapid7 Nexpose, McAfee Vulnerability Manager, ePO, Host IPS, Symantec End-Point Protection), threats identification/remediation, reverse engineering & secure practices.
- Trained in end-to-end encryption, forensic, penetration testing, and investigation tools.
- Vulnerability assessment and penetration testing (VAPT): Nessus, Metasploit, AppSpider, (and various hacking tools), auditing (HIPAA, PCI, HITRUST, SOC2, ISO 27001, 22301).
- DC3 Forensic and US Cyber security Challenge, cryptography expertise (RSA, Elliptic).
- Expertise in integrating commercial and open source tools including security.

INDUSTRIAL EXPERIENCE

Montefiore Medicine

Sr. Security Engineer, Lead Information Security Engineer

5/2015 – Now

Manage all aspects of security risk at the corporation by

- Conducting risk assessment on 150+ applications and lead the remediation process;
- Serving as the liaison between the business community and the IT organization for security and compliance issues, access reviews, and security tools implementation;
- Assisting Legal and Compliance Managers in responding to regulatory inquiries;
- Leading the design, and implementation of Montefiore's DSRIP project security; supervised and verified all 18 Workbooks for submission and attestation; wrote and co-wrote most of security policy documents and procedures
- Evaluating and recommending IoT/Medical Devices solutions;
- Monitoring threats: email phishing, abnormal behavior, and asset compromise; participated in most cybersecurity incident response activities at the enterprise;
- Managing the vulnerability assessment and penetration testing activities and programs for vendor risk management, Web, mobile, and cloud applications.

Information Security Engineer

6/2014 – 4/2015

Senior member of the VAPT group, I conducted internal and external assessments on assets risk and vulnerability exposure, worked with asset owners on remediation. I recommended and implemented security solutions to clients, selected, and directed security tools implementation for IT Security. As the threat monitor, I responded to public disclosures of threats and vulnerabilities by customizing adequate solutions.

ALI CHETTIH

Pivot Point Security, Senior Security Auditor

10/2013 – 5/2014

Major clients: Local government agencies, financial services

Metro NYC

Member of the Vulnerability Assessment and Penetration Testing group (VAPT), I conducted internal and external VAPTs for financial institutions, healthcare organizations, and business institutions. Major responsibilities include:

- Network & Application Penetration Testing, including social engineering;
- Source code analysis, auditing, and security coding training and mentoring to developers;
- Malware analysis and forensics related to malicious activities and intrusions;
- Implementation of application and data security standards;
- Development of solutions on best security practices in risk management;
- Ensure compliance and prepare clients for certification (ISO27001, 22301) and various audit requirements (HIPAA, PCI).

McAfee/Dyntek, Resident Security Account Manager

9/2011 – 9/2013

Major clients: DoITT NYC

Brooklyn, NY

Member of client's Security Operations Center (SOC), responsibility includes integrating and managing the scanning program for over 40K servers and workstations at 38+ local government agencies. I conduct vulnerability remediation, training, and assistance to users. As a SOC member, I analyzed and resolved threats and malicious activities by deploying and targeting cyber-security defenses. I assisted the client by mitigating attacks, credential leakage, and forensic investigations.

Programming scope: C, awk, shell, Perl/Python, and batch files developed for massive log files.

Team award: 2011 ISE North America Government Project Award Winner.

See Academic experience (NYC Department of Education)

11/2001 -8/2011

ICP/Micro Age - IT Dept., Senior Consultant

9/1998 - 11/2001

Major clients: IBM Global services, AT&T, Teleport CG.

Staten Island, NY

Lead and head developer at Telecommunication client to redesign critical applications within an Access Service Request (ASR) System for 3000+ users nationwide on a 24x7 time constraint.

Programming scope: 1.2M lines code: C, C++, header files, Java, 200+ shells and batch files, database connections to multiple Sybase servers, 410 stored procedures & tables, 120 displays.

- No-roll back versioning system (OBF Access Service). In charge of ASR Version 21 to 24 release (September 2000 to July 2001). Lead team of 7 developers: Responsible for code management, new features implementations, architecture, design, and testing. Established QA lab for code management and standards, directed tuning effort, library optimization, and management of ASR Y2K compliance.

ALI CHETTIH

ICP/Micro Age - IT Dept., Senior Consultant (Continued ...)

- Personal initiative: Design and implementation of ASR report engine: Java, JSP, Servlets, JDBC, and JavaBeans components. I developed the largest and most critical components of this application resulting in 15+ screens and over 65 classes. I prototyped the engine application in Javabeans.
- I also trained and mentored client and ICP/MicroAge employees on Object Oriented Technology, Java, and IDE development.

See Academic experience (Marymount College)

11/1991 -8/1998

Merrill Lynch

08/1988-10/1991

Global Information Services/System Architect.

World Financial Center, NY

Founding member of the Quality Assurance Unit, in charge of Management Reporting at the Technology Service Center; I developed and implemented performance measurement systems and directed system modeling effort and trend analysis studies (availability, response time, network traffic) for overall system performance and planning of advanced office automation.

I managed and successfully implemented "*The Red Book*" plan, an emergency procedures and disaster recovery plan for the company's MVS/ESA and NET/IDNX environment.

Tasks performed:

- Identification, priority rating of critical applications and automation of existing procedures;
- Coordination with hot and contingency sites, extensions to international operations;
- Testing, documentation, and updates.

I also conducted a major study on an Electronic Distribution of account information. Specifications, architecture alternatives, and recommendations were proposed.

AT&T BELL LABORATORIES

6/1984-4/1987

Lightwave Systems & Services Planning/Member Technical Staff

Holmdel, NJ

I addressed primarily fiber optic transmission issues and performed transport efficiency studies, network design and modeling. Involved in technical planning for domestic and international network services, I planned and evaluated future architectures.

Major tasks include:

- Bypass networks. Designed private networks for large customers; optimal choice of transmission technology, network configuration, and allocation techniques;
- 2.048Mb/s Service. Transport alternatives of the European CEPT signal on the US Network;
- Cost modeling, transport, and performance studies on fiber optic systems (417Mb/s & 1.7Gb/s).

ALI CHETTIH

ACADEMIC EXPERIENCE

MERCY COLLEGE, NSA-designated Center of Excellence
Math/IS Department, Industry Professor

Fall 2001 - Now
Dobbs Ferry, NY

I teach cyber security classes (Intro to cyber security, Cryptography, Network security, Pentest, DR/BCM); I also taught IT and mathematical modeling courses. I established and maintained a Cisco/IIS security lab; currently, I am expanding and running a digital forensic lab for malware analysis, and investigation. I participate in the development of a 'Big Data' curriculum for security.

NYC Department of Education

Fall 2003 – Sum 2008

Instruction Division Explorations Academy, Riverdale Kingbridge Academy, NY

Instruction coach: mathematics, computer, and business courses. Developed a NEFE sponsored financial course and mentored students in Stock Market Game, and Moody's Math Mega Challenge.

Marymount College

Fall 1991 - Sum 2003

Mathematics & IS Department/Associate Professor

Tarrytown, NY

In charge of the Information Systems program, developed and taught mathematics, computer science, and IT courses; I also managed the Academic Computing Center and implemented a Linux lab for instruction, Java, and GUI development.

DEVELOPMENT EXPERIENCE

- Certificates as McAfee MVM and Nexpose administrator, Java Developer, and Java Architect ([Sun Microsystems](#)), WebSphere Developer tools, UML certification ([IBM Edu](#)).
- Extensive experience with Burp Suite, OWASP ZAP, Volatility, StealthWatch IDS and IBM QRadar for monitoring.
- Certificate in Object Oriented programming, C++, [NYU School of Continuing Education](#).
- IBM Training Center – WebSphere IDE Development, COBOL programming language.
- Very strong UNIX, C, scripting languages (Python, awk) programming skills, modeling and data analysis with R and New S languages, excellent programming in C++ and FORTRAN.

EDUCATION

Polytechnic Institute of New York University, Brooklyn NY

9/2009- 1/2011 **MS Computer Sciences Cyber Security concentration** – May 2011.

9/1987-8/1988 Post Doctoral Position [LIU](#), Brooklyn NY. Stochastic allocation of resources.

7/1986 - 5/1987 **Ph.D. degree** in Operations Research (May 1987.) Location and facility problems.

1/1978 - 5/1980 Double **MS degree** in Mathematics and Operations Research (May 1980.)

ALI CHETTIH

PUBLICATION EXTRACTS

- "Elliptic curve cryptography: A public key system", <https://www.academia.edu/4266711/>, Mar '11
- "Elliptic curve cryptography: Suitability for mobile computing" — Tech paper, June '10
- "TI-NSpire: Geometry connections through investigations-Part 1&2" — education.TI.com, Apr'04, Feb'05
- "Facial expressions and body language modeling using Bezier control points," — Tech paper Jun'96
- "Non-Uniform Rational B-Spline vs. surface subdivisions in mesh computation," — Tech paper Jun'97
- "Speculative optimization in JIT compiler design: Case of Java Runtime processing," — Tech paper Jul'98
- "3-Level Hierarchy for Facility location Problems," The Naval Logistics Research Quarterly — July '97.
- "New results for the Occupation Problem," The American Statistician — March '96,
- "Renewal Application to Availability Measurement," TIMS/ORSA National Meeting, Nashville May '91.
- "Location Selection Problems," ORSA/TIMS National Meeting, Washington, DC April '88.
- "Location Problems," ASA Winter Conference, San Antonio, TX January '88.
- "The Simple Location Selection Problem: A Statistical Approach," The Naval Logistics Research Quarterly.
- "Integer Stochastic Programming with Binary Variables," PINY/ ORSA Department, — Spring '79.

OTHER

Member of [OWASP/NYC](#) chapter, [iSEC](#), [INFORMS](#), and the [Institute of Mathematical Statistics](#).
Conference organizer at AppSecUSA 2013, NYC and IEEE 3rd International Workshop on Security and Privacy Engineering (SPE2013), Silicon Valley CA.

Member of [GNYHA](#)

Founder member of [Neustar International Security Council](#)

- ✓ Fluent in Arabic and French, working knowledge and conversational Spanish.
- ✓ Freedom Writer for Amnesty International.
- ✓ [AYSO](#) certified soccer coach.

**COUNTY OF WESTCHESTER
OATH OF OFFICE**

For Appointees to County Boards and Commissions

STATE OF NEW YORK)
) ss.:
COUNTY OF WESTCHESTER)

I, Ali CAETIHI do solemnly swear (or affirm) that I will support
(Print or Type Name)

the constitution of the United States, and the constitution of the State of New York, and that I will
faithfully discharge the duties of the office of Westchester County Board and for the
County of Westchester, according to the best of my ability.

Date: Feb. 2, 2021

[Signature]
(Signature)

Sworn to and subscribed before me this 2nd day of February,
2021.

[Signature]
(Signature)

Theresa Berenati
(Print or Type Name)

NOTARY PUBLIC

THERESA BERENATI of Official (Administering Oath)
Notary Public - State of New York
NO. 01BE5079360
Qualified in Westchester County
My Commission Expires Jun 2, 2023

Mail original Oath of Office to Office to Andrew Ferris, Office of the County Executive, 148 Martine Ave., Room 916D, White Plains, NY 10601 for filing within thirty (30) days of the commencement of the term of office or the notice of appointment.