

Arman Gevorgyan

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CURRENT ADDRESS

89-20 55th Avenue, Apt 5Q
Elmhurst, New York 11373

PERMANENT ADDRESS

89-20 55th Avenue, Apt 5Q
Elmhurst, New York 11373

OBJECTIVE: Secure an internship where I will use my Computer and Data Science background, my interpersonal skills, and my dedication to good work to further personal and company growth.

EDUCATION:

Worcester Polytechnic Institute - Worcester, Massachusetts

Expected Graduation: May 2026

Bachelor of Computer Science (Concentration in Cyber Security) / Minor in Data Science

GPA: 3.62/4.0

RELEVANT COURSES:

- Algorithms
- Foundations of Computer Science
- Probability for Applications
- Discrete Mathematics
- Human-Computer Interaction
- Systems Programming Concepts
- Object-Oriented Design
- Social Implications of Information Processing
- Database Systems
- Matrices and Linear Algebra
- Statistics I and II
- Introduction to Data Science
- Operating Systems
- Machine Learning/AI

TECHNICAL/NON-TECHNICAL SKILLS:

- Microsoft Office
- Adobe Premiere, Autodesk CAD
- C, C++, Java, JavaScript, HTML, CSS
- MATLAB, IntelliJ, Eclipse, VSCode
- Linux, Windows 10, GitHub
- Racket, Python, SQL
- Bilingual in English and Armenian
- AWS, Onshape, Solidworks, Azure
- Kali Linux, Wireshark, Nikto

PROJECTS/RESEARCH:

Operating Systems, WPI

C++

Aug 2024 – Oct 2024

- Built a multithreaded producer-consumer system in C/C++ using pthread and semaphores for synchronized buffer access.
- Added support for adjustable buffer sizes and up to 10 consumer threads, improving resource use and reducing runtime.
- Integrated a barrier() routine for synchronized thread completion, ensuring consistent performance in testing.

EXPERIENCE:

The Black Car Fund, Queens, NY

Claims and IT Assistant

Summer 2021, 2022, 2023, 2024

- Helped defend the company's computer network by installing software and other forms of security
- Maintained and looked over the functioning of the organization's computer network
- Managed and prioritized important phone calls and correspondence
- Processed new insurance claims and maintained a comprehensive database of cases using SQL
- Edited spreadsheets, organized files, and liaised with law firms and medical providers

Exam Proctoring Center, WPI

Proctor

Oct 2022 - May 2023, Sep 2023 - May 2024

- Managed a large database of past and future exam information.
- Coordinated with numerous professors to organize exam schedules and procedures.
- Edited spreadsheets and managed important files related to exams and academic organization.

Palindromes, Inversions, and Gray Codes, WPI

Java

Jan 2024 - Mar 2024

- Developed a recursive Java program to check if an input string is a palindrome, with functionality to ignore case and punctuation.
- Created an algorithm to count "inversions" in arrays, implementing both an $O(n^2)$ solution and a more efficient $O(n \log n)$ solution.

LEADERSHIP/ORGANIZATIONS:

WPI Cyber Security Club, WPI

Member

Aug 2023 - Present

- Participated in local and national CTF competitions.
- Practiced ethical hacking, network security, cryptography, and incident response.

Computer Science Peer Mentor, WPI

Mentor

Aug 2024 - Present

- Mentored new students majoring in Computer Science with regards to their courses, their assignment troubles, and ways to improve their professional growth.

Theta Chi Epsilon Member, WPI

Nov 2022 – Present

Assistant Risk Manager (Jan 2023 – Jan 2024)

- Assessed and identified risks that could harm the safety, security, or financial success of the Theta Chi fraternity.