

Sean Conley

Annandale, Virginia, 22003 · (571) 369-8561 · sconley5@gmu.edu · seanconley.dev

EDUCATION

George Mason University, Fairfax, Virginia
Bachelor of Science, Computer Science

Expected May 2027

Relevant Coursework: Data Structures, Object-Oriented Programming, Computer Systems Programming, Software Engineering, Database Concepts, Mobile Application Design, Analysis of Algorithms, Secure Programming & Systems

TECHNICAL SKILLS

- Programming Languages: Java, Python, TypeScript, JavaScript, C, SQL
- Frameworks & Libraries: Next.js, React, Tailwind CSS, JUnit, Maven
- Cloud & DevOps: AWS, Docker, CI/CD Pipelines, Git
- Databases: MySQL, Oracle SQL, MongoDB, Firebase
- Security & Systems: OpenSSL, Wireshark, Kali Linux, Windows, macOS, Unix

CERTIFICATIONS

- CompTIA Security+ (SY0-701) January 2026
- Palantir Technologies Foundry & AIP Builder Foundations March 2026

PROJECTS

Personal Website Portfolio (Next.js, React, Tailwind CSS, TypeScript, AWS, Git) March 2026

- Built and deployed a full-stack portfolio site with a responsive Next.js UI, serverless AWS backend (Lambda, API Gateway, SES), and least-privilege IAM roles
- Implemented a CI/CD pipeline with GitHub Actions and Vercel, achieving 113 consecutive successful deployments
- Delivered a 100/100 Lighthouse performance score, reflecting optimized load times and stable rendering

Form Processing System (Java, JavaScript, MySQL, Junit, Maven, Git) August 2025-December 2025

- Collaborated with an agile team to build a multi-stage form processing system with role-based permissions, input validation, and workflow state transitions
- Led a sprint as Scrum Master, coordinating backend/frontend integration, JDBC database implementation, and UML architecture documentation

Public Key Infrastructure Project (OpenSSL, Docker, Kali Linux) April 2026

- Configured a root Certificate Authority using OpenSSL, generating self-signed X.509 certificates and signing server CSRs with Subject Alternative Names
- Deployed an Apache HTTPS server in Docker, configured SSL virtual hosts, imported the root CA into Firefox, and analyzed PKI trust chains and man-in-the-middle attack mitigations

EXPERIENCE

TIC Summer Camp, McLean, Virginia June 2025-August 2025

Programming Counselor

- Collaborated with 20+ staff; instructed and mentored 10-12 campers per session in Python, Java, and C, covering object-oriented programming, encapsulation, and inheritance

ACTIVITIES & HONORS

GMU M2 Club Ice Hockey, President and Captain February 2025-Present

- Directed 20+ athletes and staff, coordinated logistics, scheduling, rules compliance, equipment acquisition, and hiring
- Established a team website averaging 500 monthly views and integrated Stripe for digital payments

GMU M2 Club Ice Hockey, Treasurer and Alternate Captain September 2023-February 2025

- Managed a \$70,000 budget, fundraising, and non-profit tax compliance; established the team's first bank account

Scouts BSA, Eagle Scout

April 2023