

Elias Johnson

Computer Science Undergraduate

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PROFESSIONAL SUMMARY

I am a security-focused software engineer passionate about test-driven development and lean methodologies. I excel in crafting carefully considered approaches to solving problems. Skilled in diverse programming languages and paradigms, I am comfortable developing anywhere from low-level assembly to cloud infrastructure. I am an excellent communicator and user-focused developer guided by the belief that software is a process, not a product.

TECHNICAL SKILLS

Languages	C, C++, Python, Go, Java, JavaScript, Bash
Database Technologies	SQL, PostgreSQL, DynamoDB
Development	Agile, Object-Oriented Design, Test-Driven Development, REST APIs
Tools	Linux, Git, Azure, AWS, GitLab CI/CD, Terraform, Postman
Collaboration	Jama, JIRA, Mural, Pair/Mob Programming

PROFESSIONAL EXPERIENCE

A-DEC

Software Engineer, Intern

Newberg, OR

January 2025 - Present

A-dec is a leading designer and manufacturer of dental equipment. Worked alongside the software connectivity team, responsible for developing and maintaining all non-embedded software at A-dec.

Designed and built a service to sync Azure B2C user data to PostgreSQL via Microsoft Graph API, enabling easy access for the data team. Automated the process via a Gitlab pipeline to ensure continuous synchronization.

Skills: Python, PostgreSQL, Azure, Terraform, CI/CD, REST APIs

Helped design a prototype to reduce A-dec's IoT device registration time. Assisted in implementing the new design which significantly improved the device's connection to the internet via WiFi.

Skills: Go, REST APIs

EDUCATION

GEORGE FOX UNIVERSITY

Bachelor of Science in Computer Science and Cybersecurity

Minor in Music

GPA: 3.90

Newberg, OR

August 2022 - Present