

Elias Johnson

Computer Science Undergraduate

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PROFESSIONAL SUMMARY

Security-focused software engineer passionate about lean methodologies and long-term code quality. Skilled in diverse tools and technologies with experience developing anywhere from low-level assembly to cloud infrastructure. Excellent communicator and user-focused developer guided by the belief that software is a process, not a product.

TECHNICAL SKILLS

Languages	C, C++, Python, JavaScript, Java, Go, Bash
Database Technologies	SQL, PostgreSQL, MySQL, DynamoDB
Development	TDD, BDD, CI/CD, IaC
Frameworks/Libraries	React, Next.js, Cypress, Behave, NumPy, Pandas
Tools	Linux, Git, AWS, Azure, Terraform, Postman
Collaboration	Jama, JIRA, Figma, Mural, Pair/Mob Programming

PROFESSIONAL EXPERIENCE

A-DEC

Newberg, OR

Software Engineer, Intern

January 2025 - December 2025

Worked alongside the cloud and application team for a leading designer and manufacturer of dental equipment. The team is responsible for developing and maintaining all non-embedded software for A-dec products.

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.

Conducted security research and performed audits across multiple projects and dependencies, proactively mitigating risks. Initiated technical debt reduction plan, mapping out potential code and architecture refactors to improve long-term maintainability and security.

Implemented new features and fixed existing bugs for React-based mobile and web applications. Developed comprehensive automated test suites to serve as both documentation and regression prevention. Authored OpenAPI specifications for all backend services, enhancing documentation and ensuring consistent, predictable API behavior.

EDUCATION

GEORGE FOX UNIVERSITY

Newberg, OR

Bachelor of Science in Computer Science and Cybersecurity

August 2022 - May 2026

GPA: 3.91