

Elias Johnson

Computer Science Undergraduate

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PROFESSIONAL SUMMARY

Security-first software engineer passionate about people and product. Comfortable developing anywhere along the stack, with experience designing and implementing web and mobile applications, data-intensive pipelines, and cloud infrastructure. Background writing intensive automated tests, attentive to long-term code quality and maintainability. Excellent communicator and user-focused engineer guided by the belief that software is more about people than code.

TECHNICAL SKILLS

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

PROFESSIONAL EXPERIENCE

A-DEC

Software Engineer, Intern

Newberg, OR

January 2025 - December 2025

Worked alongside the cloud and application team for a leading designer and manufacturer of dental equipment. Developed and maintained *A-dec+*, the app that connects dentists to the ecosystem of connected IoT products that enables them to connect and configure their devices, manage IAM, and view real-time analytics.

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 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

Bachelor of Science in Computer Science and Cybersecurity

GPA: 3.91

Newberg, OR

August 2022 - May 2026