

Evie Anderson

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Philadelphia, PA

EDUCATION

Temple University – Philadelphia, PA

Current—Bachelor of Science, Computer Science, December 2027 (GPA: 4.0/4.0)

Arizona State University – Tempe, AZ

Bachelor of Arts, English (Creative Writing) Bachelor of Arts, French, May 2018

WORK EXPERIENCE

AZ Aspire Academy, Fullstack Engineer – August 2021–Present

- Designed and developed a fullstack student and staff management portal using Next.js, React, Redux, and Firebase/Firestore, implementing role-based access control across 5 user permission levels to securely manage 10+ collections of sensitive student and staff data for a K-12 charter school.
- Designed and implemented comprehensive Firestore security rules and multi-layered authentication system using Firebase Auth, OAuth2 email integration, and document-level permissions to protect legally-regulated educational records in compliance with data privacy requirements.
- Built 110+ React components and 47 specialized forms handling complex workflows including daily attendance tracking, IEP data collection, incident reporting, teacher certification management, and automated PDF generation with Google Drive integration.
- Engineered cloud-based backend infrastructure with Google Cloud Functions for atomic user creation, email notifications via OAuth2-authenticated Gmail API, and automated document generation, processing asynchronous operations with proper error handling.
- Migrated legacy SQL-based system to modern NoSQL architecture, implementing Redux state management with thunks for async operations, real-time data synchronization with Firestore listeners, and CSV export functionality for 24,000+ lines of production code
- Established automated CI/CD pipeline using GitHub Actions with comprehensive test suites and Vercel deployment integration, implementing automated linting, unit testing with Jest/React Testing Library, and continuous deployment workflows that ensure code quality and enable rapid iteration across development, staging, and production environments.

MIT Press, Freelance Proofreader and Copyeditor – June 2018–Present

- Completed initial summer internship at the MIT Press (2018), transitioning to consistent contract-based proofreading copyediting work over 7 years, with assignments including the widely-used *Introduction to Algorithms* (CLRS) textbook.
- Proofread and copyedit technical manuscripts requiring meticulous attention to detail, catching errors that passed multiple review stages.
- Edited 50+ manuscripts spanning computer science, mechanical engineering, architecture, and science fiction, demonstrating ability to context-switch between technical domains while maintaining precision in specialized terminology.
- Applied systematic error-detection skills comparable to debugging, identifying inconsistencies in cross-references, citations, indices, and technical specifications across 300+ page manuscripts.
- Also contracted by independent architects and technical authors for specialized publications, ensuring accuracy in complex technical concepts and documentation.

Fiorella Pasta, Server – May 2023–October 2024

- Executed high-performance multitasking across 5+ tables while maintaining flawless customer-facing presentation.
- Delivered precise, articulate communication under extreme time pressure in a high-stress service environment, translating complex culinary concepts to diverse guests.

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, C, Bash, HTML/CSS

Frontend: React, Redux, Next.js

Backend: Node.js, Firebase/Firestore, Google Cloud Functions, REST APIs

Databases: Firestore (NoSQL), SQL

Tools/Technologies: Git/GitHub, GitHub Actions, Linux/Unix admin, Docker