Steven Jarmell

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Education:

University of Pittsburgh — 8/2020 - 12/2023

Bachelor of Science, Computer Science

Minor, Applied Statistics

- GPA: 3.85/4.0
- Dean's List Recipient
- Relevant Coursework: Data Structures and Algorithms, Intro to Operating Systems, Discrete Math, Software Engineering, Modern Web Development, Cloud Computing, Database Management Systems, Software Quality Assurance, Data Science

Work Experience:

Amazon Web Services (AWS) — 6/2023 – 8/2023

Software Development Engineer Intern (Boston, MA)

- Developed and implemented a **full-stack** feature for AWS Connect Wisdom under NDA.
- Utilized **TypeScript**, **React**, **Smithy**, **Kotlin**, as well as AWS Tools such as **S3** and **Lambda**.
- Wrote Frontend and Backend **unit tests** and **integration tests** with **Jest**, **React Testing Library**, **Enzyme**, **JUnit**, and **MockK**, achieving **>99.5%** code coverage.
- Participated in a team using **SCRUM.**

University of Pittsburgh — 6/2022 – Present

Drop-In Support Desk - Senior Technical Consultant (Pittsburgh, PA)

- Provided technical assistance for issues related to software, hardware diagnosis, and networking.
- Delivered exceptional service to **over 150** customers with diligent communication and updates.

Projects:

Pitt CSC Internship Website (https://github.com/Steven-Jarmell/CSC-Internships)

- Built a proof-of-concept website to replace the Pitt CSC Summer Internship Repository using **TypeScript**, **React**, **Redux**, **Express**, **Node**, and **MongoDB**.
- Used **GitHub OAuth API** to authenticate and authorize users.
- Implemented a **RESTful API** to perform **CRUD** operations.
- **Deployed** project using Render.com which hosts the Frontend and Backend.

Beefin' (https://github.com/Steven-Jarmell/Beefin)

- Collaborative project to create a social media fitness app using **JavaScript**, **React**, **Java**, **Spring Boot**, **Docker**, and **Firebase**.
- Built a **micro-service** backend architecture consisting of **6 separate microservices**, with features such as an **API Gateway** and an Authorization Service leveraging **JWT.**

MediLingo (https://github.com/Steven-Jarmell/MediLingo)

- Utilized **MongoDB**, **Express**, **React**, **Node**, and **TypeScript** to build a **full-stack** gamified platform that helps users learn about specific medical conditions in an easily digestible format.
- **Won two tracks** at the Pitt Challenge 2023 Hackathon: Health Literacy and Best use of MongoDB.