

Benjamin Raymon

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EDUCATION

University of Delaware

Bachelor of Science, Computer Science

GPA: 3.9/4.0

Newark, DE

May 2023

Relevant Course Work: Data Structures, Algorithms, Database Systems, Data Science, Web Security, Web Technologies

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML, CSS, Python, Java, C++, C, Bash, SQL

Frameworks/Software: Angular, NodeJS, Bootstrap, Firebase, React Native, Visual Studio Code, Android Studio

EXPERIENCE

Amazon

New York City, NY

Software Developer Engineer Intern

June 2022 – August 2022

- Facilitated effective resolution of downstream exceptions in API requests, reducing query runtime by over 95% by developing an ad-hoc query tool in AWS Athena.
- Built a data stream (Kinesis, Lambda, CloudWatch) to support seamless delivery of over 500,000 records hourly.
- Managed end to end CI/CD pipeline, successfully serving production traffic of up to 300 transactions per second.

Agilent Technologies

Wilmington, DE

Software Developer Intern

June 2021 – February 2022

- Converted a large-scale application from Sencha ExtJS to the Angular framework, achieving 70% completion.
- Crafted 14 distinct front-end pages and integrated back-end services to exhibit the feasibility of a full migration.

University of Delaware

Newark, DE

Lab Assistant – Python and Systems Programming in C

September 2020 – May 2021

- Supervised weekly programming labs for 30-40 students, imparting crucial testing and debugging skills.
- Fostered a conducive learning environment, mentored and supported students individually and in groups.

Shoptaki

New York City, NY

Software Developer / Data Science Intern

December 2020 – February 2021

- Managed a team of interns designing engaging user interfaces of a React Native mobile application.
- Implemented APIs for an ArrangoDB NoSQL database and deployed the NodeJS backend to Amazon EC2.

PROJECTS

BizText – Full Stack Web Application

June 2023

- Engineered a robust messaging platform utilizing Twilio's API to streamline SMS/MMS communication between businesses and customers, enhancing operational efficiency and improving customer experience.
- Architected a RESTful API in NodeJS, facilitating data transfer between Firebase and the Angular 14 frontend.
- Orchestrated an automated process using GitHub Actions for reliable continuous deployment to Digital Ocean.

Conference Scheduler – Full Stack Web Application

May 2023

- Created an application to automate scheduling music conference sessions, minimizing manual workload by 80%.
- Spearheaded the implementation of a custom JWT based authentication system to secure the NodeJS backend.
- Collaborated on an Agile team to build framework-free user interfaces using only JavaScript, HTML, and CSS.

Ultimate Fortnite Companion – Android Application

April 2018

- Acquired an understanding of Android Studio, UI design, and APIs in 6 weeks to develop an Android application.
- Generated \$2,500 in ad revenue from 250,000 users, culminating in the sale of the application for \$4,000.