

Employment

Software Engineer Intern

Cengage

June 2019 – August 2019

- Redesigned internal developer tools to allow for maintainability and industry standards. This includes porting from Javascript to Spring+React, adding automated testing and a CI/CD pipeline via Jenkins. **Spring, React, Javascript**
- Developed tool to obfuscate user data and allow for easier compliance with GDPR requirements. This included translating existing SQL scripts to Java, developing front-end UI in React and working with SQL databases. **SQL, Java, React, Typescript**
- Learned and participated in common industry developer practices. **Scrum, Agile, Jira, Git**

Projects

- **Cordia:** Developed a full-stack Social Media App. Designed the front-end using Swift and Adobe Design Suite with accompanying Unit and UI Tests. Accessed multiple third-party APIs, such as Spotify and Apple Music. The Backend is a combination of AWS and Google's Firebase. Created my own REST API to invoke Lambda functions, which communicate with a MySQL Database, which is all stored inside a secure VPC. Secure user authentication and remote push notifications are done using Firebase. Also created a static website, which acts as a landing page and can also handle account verification logic. **AWS, SQL, iOS, Swift, Javascript, REST, HTML, GCP**

Skills

- **Programming**
 - SQL, Javascript, Swift, Java, Spring, HTML & CSS, Python, REST
- **AWS**
 - EC2, RDS, API Gateway, Lambda, SES, VPC Setup and Configuration
- **Google Cloud Platform & Firebase**
 - Google Cloud Functions, Full Firebase Stack(Firestore, FCM, RTD, Auth)
- **Other**
 - App and Website Design, Backend & Systems Architecture, Adobe Suite(PSD & AI)

Education

Blacksburg, VA

Virginia Tech

Fall 2018 – Spring 2022

- **Academics**
 - Currently Pursuing B.S in Computer Science,
 - GPA **3.35**
- **Involvement**
 - **Hall Council President:** President of Engineering Dorm; led meetings, organized events, bettered community
 - **Member of Galileo:** Competitive Engineering LLC and Community
- **Experience**
 - **Rising Sophomore Abroad Program:** Attended semester long seminar, learned about global STEM practices and attended multiple workshops on accepting culture and diversity
 - Spent two weeks in New Zealand and Australia, exploring the different STEM, business and cultural aspects of each country