

Molly Braswell

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EDUCATION

University of South Carolina Columbia, South Carolina
Bachelor of Science, Computer Science

August 2021

EXPERIENCE

Spectrum Reach Charlotte, North Carolina
Full Stack Developer

February 2023 - Current

- Used Angular and Python to help create and maintain full stack applications
- Created numerous pages and components throughout a suite of internal sites/tools
- Helped rewrite multiple APIs utilizing Python's uvicorn
- Stood up a service for ingesting and exporting updated mapbox geo data
- Created advanced polling infrastructure in Angular for dynamic loading/rendering of content
- Worked to improve chunk size efficiency in internal tools to decrease load times
- Utilized AWS CloudFormation to create and scale infrastructure
- Used flyway for automated database schema changes

InfraSight Software Charlotte, North Carolina
Associate Software Engineer

September 2021 - October 2022

- Utilized Micronaut and Java to produce a REST API
- Used Mockito and Micronaut Test Resources to write unit tests
- Helped update and maintain a metrics collection service written in C++
- Used C++ to create a License Manager for the metrics collection service
- Utilized Licensepp and crypto++ to create secure RSA-based licenses
- Created a Node.js application to easily share and add custom packages to VCPKG
- Led training/onboarding of new engineers

University of South Carolina Columbia, South Carolina
Researcher

September 2019 - August 2020

- Utilized AWS Lambda to ingest data from Withings API
- Used Android Studio to create interfaces/applications

Teacher's Assistant

August 2017 - May 2019

- Mentored students on more efficient and advanced Java practices
- Helped students break down problems
- Assisted students with debugging of Java assignments

Boeing St. Louis, Missouri
Full Stack Intern

May 2019 - August 2019

- Used Agile and Lean practices to improve problem solving and efficiency for consulted teams
 - Helped build the front end, back end, and pipeline on a new project
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SKILLS

Languages and Frameworks

- Angular, Python, Typescript, Java, C, C++

Technologies

- Linux, Git, Docker, GitLab, Github, Redis, MongoDB, SQL, Postgres, Flyway

Cloud

- AWS, S3, ECS, Lambda, CloudFormation, Secrets Manager, CloudWatch, DynamoDB, Route53