ABBY WATTERSON

SOFTWARE ENGINEER

EDUCATION

B.S. COMPUTER SCIENCE • CANDIDATE MAY 2022 • UNIVERSITY OF MASSACHUSETTS AMHERST
- Minor in Mathematics
- GPA: 3.613, Dean's List
- Commonwealth Honors College

EXPERIENCE

CLOUD ENGINEERING INTERN • FIDELITY INVESTMENTS • JUNE – AUGUST 2021
- Co-developed a squad health check application within Enterprise Cloud Computing.

CLOUD DATA SERVICES INTERN • FIDELITY INVESTMENTS • JUNE – AUGUST 2020
- Co-implemented CloudFormation support for multiple databases in AWS on a CLI within Enterprise Cloud Computing.
  - Databases: DynamoDB, Microsoft SQL Server, and Aurora MySQL
- Created a new command in Python for the CLI where users can pull the locations in Artifactory of previously uploaded parameter and tag files during stack creation in AWS.
- Wrote Python Unit and Functional tests for developed code.
- Developed CI/CD pipelines in Jenkins for deploying Docker images of the CLI to Artifactory and Concourse for application of the CLI.
- Lead a two-week sprint as Scrum Leader within a Cloud Data Services Intern group.

SOFTWARE DEVELOPMENT INTERN • FIDELITY INVESTMENTS • MAY – AUGUST 2019
- Worked with analytical coding problems on web applications within the Corporate Technology Group.
- Tested and debugged code in Java in a web application for employees to review performance history.
- Refactored JavaScript, HTML, and CSS code to improve user experience on a career scheduling application.
- Created a Java program for migrating job descriptions from one platform to another.
- Collaborated alongside other software developers in an Agile work environment.

SKILLS

	TOOLS	LANGUAGES
Working Knowledge:	Docker, Jenkins, Concourse, AWS	HTML, CSS, JavaScript, Node.js, Angular
Proficient:	Office 365, Visual Studio Code, Eclipse, PyCharm, Git	Python, Java

PROJECTS

UMASS PICK-UP • UNIVERSITY OF MASSACHUSETTS AMHERST • FEBRUARY – MAY 2021

- Co-implemented an online ordering service for on campus restaurants to be used by UMass students.
- Website: https://umass-pick-up.herokuapp.com/