

ABIGAIL PHAM

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EDUCATION

University of Florida

B.S. Computer Science
Minor: Mathematics
GPA - 3.9

Aug. 2017 - May 2021

Hong Kong University of Science and Technology

Study Abroad, UF Exchange Program

June 2019 - Aug. 2019

EXPERIENCE

Microsoft, *Software Engineer Intern*, Remote

May 2020 - Aug. 2020

- Developed unit and integration tests with JUnit and Mockito to verify intended behavior of transaction microservices and a Redis API
- Supported development process with test cases in continuous integration pipeline, resulting in code coverage above 80%
- Implemented a gRPC server and client as part of integration testing to validate interactions between the Redis cluster and services

PROJECTS

ANTLR Pascal (Java)

Mar. 2020

- Designed a grammar in ANTLR for the programming language Pascal that when compiled in Java, evaluates a generated parse tree
- Developed support for language features such as variable declarations, decision making (if-else, case statements), for-do and while-do loops, user-defined functions, and static scoping

Bodega (JavaScript, HTML, CSS) | Scrum Master

Jan. 2019 - Apr. 2019

- Organized an Agile development team to create an online ordering portal for The Bodega at UF's Innovation Hub
- Utilized the MEAN stack to create front-end functionality enabling users to view the cafe's inventory and add food to a shopping cart, as well as purchase the order and receive an email confirmation

Personal Website (HTML, CSS, JavaScript)

Sept. 2018 - Current

- Implemented a basic HTML, CSS, and JavaScript website to display my personal resume, blog-style updates, project portfolio, and contact information

ACTIVITIES

UF Software Engineering Club, *Member*

Jan. 2019 - May 2019

- Participated in the front-end development team for Clubfinity, a mobile app project designed to connect students at UF with organizations on campus
- Adapted to and utilized React Native to use as part of the home screen development team

SKILLS

PROFICIENT IN: Java, C++

FAMILIAR WITH: HTML, CSS, Haskell, Javascript, SQL

TECHNOLOGIES AND FRAMEWORKS: Git, MongoDB, Angular.js, Express.js, Node.js, React Native, JUnit, Antlr, Redis, Mockito