Kamille Foster

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Education

BACHELOR OF SCIENCE | MAY 2019 | UNIVERSITY OF VIRGINIA

· Major: Computer Science

Work Experience

SOFTWARE ENGINEER | CAPITAL ONE | AUGUST 2019 - PRESENT

FULL-STACK SOFTWARE ENGINEER - OPEN SOURCE PROGRAM OFFICE

· Developed with a team, a platform for developers to ensure enterprise compliance when contributing to open source projects. The platform was designed and implemented from the ground up with technologies such as serverless, GraphQL, Typescript, Python, React, and Go.

· Automated end-to-end tests for command-line applications.

FULL-STACK SOFTWARE ENGINEER - ASSOCIATE EXPERIENCE

· Developed an internal communication service that allows users to receive company-wide communications as they desired via email and slack with technologies such as serverless, Javascript, and React.

APPLICATION DEVELOPMENT INTERN | VANGUARD | MAY 2017 – AUG 2017

· Facilitated communications between separate segments of a working team.

· Automated end-to-end tests for web applications.

· Stylized web components for in-house applications.

TEACHING ASSISTANT – MOBILE APPLICATION DEVELOPMENT | UNIVERSITY OF VIRGINIA | AUG 2017– MAY 2018

· Led discovery labs designed to immerse students in the developmental process of mobile app development.

· Assisted professor by creating homework assignments and helped direct the flow of the course.

· Communicate with and advise students on how to proceed with course work while adhering to the professor's course goals.

HEAD TEACHING ASSISTANT – INTRO TO COMPUTER SCIENCE | UNIVERSITY OF VIRGINIA | AUG 2015– MAY 2017

· Managed forty other teaching assistants by coordinating office hours, grading schedules, and review sessions.

· Led lab of forty-five students designed to reinforce concepts learned in class.

· Help students understand fundamental computer science concepts such as data structures, loops, and functions.

· Communicated with and advised students on how to proceed with course work while adhering to the professor's course goals.

Skills & Abilities

· Computer: JavaScript, Typescript, React, Node, Python, Windows, OSX, UNIX/Linux

· Development Tools: GitHub, Visual Studio, DataGrip, PyCharm, WebStorm, JSON, SQL, Postman

Projects

UVA ACM HIGH SCHOOL PROGRAMMING COMPETITION – CAPSTONE | UVA | AUG 2017 – MAY 2018

· As a team of seven, developed a Django-based registration tool for the UVA Chapter of ACM's annual High School Coding Competition.

Honors, Awards, and Affiliations

LOUIS T. RADER OUTSTANDING EDUCATION UNDERGRADUATE STUDENT AWARD | RECIPIENT | 2017

WOMEN IN COMPUTING SCIENCES | MEMBER & MENTOR | AUG 2014 – MAY 2018