

GENOVEVA FOSSAS

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EDUCATION

University of Central Florida

BS, Computer Science

GPA: 3.38

Memberships: Burnett Honors College, Hack@UCF, ACM-W

Expected May 2021

EXPERIENCE

University of Central Florida

Undergraduate Research Assistant

October 2019 - Present

Orlando, FL

- Working on modifications to LLVM's register allocator to support a side-channel free architecture under Dr. Paul Gazzillo. Tasks include adding an instruction to LLVM, modifying the register allocator's source code, and modifying source to source transformation programs to perform custom transformations.

Amazon Web Services

Software Development Engineer Intern

May 2020 - August 2020

Orlando, FL

- Created an AWS Service Quotas widget for use on other AWS consoles. The widget aims to provide a more convenient experience for current Service Quotas customers by displaying the values of the customer's quotas.
- Written in JavaScript with an internal framework that utilizes Webpack, Babel, and React. Testing Frameworks included Mocha, Chai, and Enzyme.

Amazon Web Services

APE Software Development Engineer Intern

May 2019 - August 2019

Seattle, WA

- Built a baseline for an internal console that aimed to make on-boarding and management of data within AWS Service Quotas easier for owners of new and existing AWS services. The console lists services on-boarded, their quotas, and details about the listed quotas.
- Written in JavaScript with an internal library of pre-styled React components, and served on the intranet in a server-less architecture. All data was provided through querying the Service Quotas API.

TECHNICAL SKILLS

Languages

C, Java, JavaScript, TypeScript, C++, Bash

Libraries and Frameworks

React, Java Swing

Tools and Runtimes

Linux, Git, Node.js

INVOLVEMENT

Junior Knights

Classroom Assistant

2017 - 2018

University of Central Florida

- Assisted in teaching high school students from the surrounding Orange and Seminole counties how to program in Python, Java, and C.

AWARDS AND RECOGNITIONS

AnitaB.org

Grace Hopper Conference 2020 Student Scholar