

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

- Implementing modifications to LLVM's register allocator to support a side-channel free architecture. 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

- Developed an AWS Service Quotas widget for integration into other AWS Consoles. The final JavaScript widget provided a more convenient experience for current Service Quotas customers by displaying the values of each customer's quotas.

Amazon Web Services

AFE 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.

TECHNICAL SKILLS

Languages

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

Libraries and Frameworks

React, Java Swing, Mocha, Chai

Tools and Runtimes

Linux, Git, Node.js

INVOLVEMENT

Junior Knights

Classroom Assistant

2017 - 2018

University of Central Florida

- Assisted teaching Orange and Seminole County high school students how to program in Java and C.

AWARDS AND RECOGNITIONS

AnitaB.org

Grace Hopper Conference 2020 Student Scholar