

GENOVEVA FOSSAS

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EDUCATION

University of Central Florida

Expected May 2021

BS, Computer Science

GPA: 3.38

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

EXPERIENCE

University of Central Florida

October 2019 - Present

Undergraduate Research Assistant

Orlando, FL

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

May 2020 - August 2020

Software Development Engineer Intern

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

May 2019 - August 2019

AWE Software Development Engineer Intern

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

2017 - 2018

Classroom Assistant

University of Central Florida

- Assisted in 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