Genoveva Fossas

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Education

Bachelor of Science | Expected May 2021 | University of Central Florida

- **Major:** Computer Science
- **GPA:** 3.38
- **Memberships:** Burnett Honors College, ACM-W, Hack@UCF
- **Relevant Courses:** Data Structures and Algorithms, Object Oriented Programming, Computer Logic and Organization, Introduction to Discrete Structures, Systems Software, Programming Languages, Operating Systems

Experience

Research Assistant | University of Central Florida | October 2019-May 2020

- Working on modifications to LLVM's register allocator to support a side-channel free architecture under Dr. Paul Gazzillo.

AFE Software Development Intern | Amazon | Summer 2019

- 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. Console functionality included the ability to view all the AWS services on-boarded, the quotas of all on-boarded services, and customer-specific quota overrides.
- Written in JavaScript with an internal library of pre-styled React components, and served on the intranet in a server-less architecture. Requests for service and quota information were made through HTTP to the Service Quotas API.

Involvement

Junior Knights | Classroom Assistant | 2017-2018

- Assisted in teaching high school students from the surrounding Orange and Seminole counties how to program in Python, Java, and C. Tasks consisted primarily of answering student questions and helping students review for their Computer Science A exam.

Amazon Future Engineers Hackathon | Summer 2019

- Participated in an Amazon Future Engineers specific hackathon in a team of four to create an Alexa skill to assist the Seattle Nativity School increase parent involvement in their student's education. The skill was selected by the school's leadership for use in their classrooms.

Technical Skills

- **Languages:** C, Java, JavaScript, TypeScript, C++
- **Libraries and Frameworks:** React, Java Swing
- **Tools and Runtimes:** Node.js, Linux, Git