

Sulaiman Hamouda

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EDUCATION:

Department of Computer Science, University of Central Florida

Orlando, FL

Bachelor of Science in Computer Science

December 2019

GPA: 3.5/4.0

Relevant Courses: Computer Science I, Computer Science II, Object Oriented Programming, Programming Languages I, Operating Systems, Computer Logic and Organization, Systems Software, C Programming, System Admin & Maintenance, Security in Computing, Discrete Structures, Data Structures

AWARDS AND HONORS:

- Dean's list
- UCF EXCEL Student
- NSLI-Y (National Security Language Initiative for Youth): Finalist

SKILLS:

Programming Languages	Java, Swift, C, Python
Web Development	React.js, HTML, CSS, Javascript, Node.js, Express, Bootstrap
Databases	MongoDB, MySQL
Mathematical Skills	Calculus I/II/III, Differential Equations, Statistical Methods

WORK EXPERIENCE:

NextEra Energy Software Engineer

Jan. 2020 – Present

- Develop Java and Mobile applications for fpl.com and internal care center.
- Understand all architecture components for both Web app development and iOS app development.
- Automate build, deploy, and test applications.

LSQ Software Engineer Intern

May. 2019 – Dec. 2019

- Utilized Java to work on backend client-based web services.
- Troubleshoot difficult and complex software issues.
- Worked on developing LSQ's new credit engine. Utilized technologies such as Java 8, AWS, JOOQ, Google Guice, Postman, and Protocol Buffers. Primarily focused on a modular design in order to make it more maintainable and easier to add new features.
- Worked with AWS to perform tasks such as switching to an immutable database design. Worked with Amazon Kinesis, Lambda functions and Cloudformation.

PROJECTS:

Photo Selection: A Deep Learning Approach

Jan. 2019 – Dec. 2019

- Design and build an application which will select the best photos from a directory. It will select about 20% of the directory's photos. The model will first be trained on a large dataset of images which are ranked from 1-10 based on their aesthetic features. The user can then have the opportunity to train the model by providing input. It will be able to learn what they will select.
- This will especially be useful for people like event photographers, people with pets, people with young children, etc.

Chew Crew <https://chewcrewapp.herokuapp.com>

Apr. 2019 – May 2019

- Chew is an online potluck event planner. Utilized MongoDB, Node.js, Express.js, JavaScript, HTML and CSS.
- Users are able to view and manage potlucks created by you and your friends. Users are able to tag dishes for ingredients, request dishes for a certain event, search through events, and share dishes and ingredients with friends.

Department of Computer Science, University of Central Florida

Dec. 2016 – Jun. 2017

Excel Undergraduate Researcher

- Designed an Android application named CD9 for the reason of advocating online safety that implants more tangible family morals when compared to the current mobile apps which encourage parent control over teen self-regulation.

LEADERSHIP EXPERIENCE:

Photo Selection Team Lead

May. 2019 – Dec. 2019

- Organized meetings with the project sponsor and the team. Helped team members achieve work-life balance.
- Resolved conflicts by clearly assigning tasks as a team and always keeping a clear and honest line of communication.

UCF Mentoring Assistance Peer Program

Aug. 2018 – Aug 2019

- Mentored three incoming Computer Science freshmen. This included organizing events, study sessions and providing academic and social support.