Selena Castrolopez

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Education

University of Central Florida

BS Computer Science   *December 2019*

Relevant Coursework: Robot Vision, Computer Architecture, Matrix and Linear Algebra

Technical Skills

Languages: C, Java, JavaScript, HTML/CSS/LESS, SQL

Tools/Frameworks: Git, Bootstrap, React, AngularJS 1.6, Spring Boot, Node.js, Express, mongoDB

Work Experience

Summer Technology Analyst, Citi   *June 2019-August 2019*

- Worked in an agile environment to develop a dashboard for viewing and editing Jira tickets and project metrics. Tickets read using the Jira API then stored into an Oracle database.
- Reduced application's load times by use of scheduling tasks in Spring.
- Researched and evaluated project architecture decisions to ensure reusable and efficient code.
- Frameworks used include AngularJS, Bootstrap, Spring Boot, Spring Security, and Hibernate.

Electronics Consultant, Target   *February 2017-February 2019*

- Assisted with merchandising, setting visual displays and keeping inventory of products.
- Provided customers with expert product knowledge and quick problem solving.
- Trained new team members to become familiar with roles and equipment.

Projects

Volunteer Registration Web App

- A landing page and web app developed to create, register for, edit, and view volunteer events.
- Event organizers can create an event and send out email invites to volunteers through the UI.
- Volunteers can accept invitations and choose from a date or timeslot to attend.
- Front end made with reusable components in React and with Bootstrap.
- Backend made with Node.js/Express, storing user and event data in a mongoDB database.

Consulting Web App

- A landing page and web app prototype created as a group to assist non-profit organizations answer questions to define their mission statement and determine their resources needed.
- Users interact with front end made with React and Bootstrap for styling.
- Backend made with Node.js/Express, user and answer data stored in mongoDB database powered by Microsoft Azure, and site hosted on Heroku.