Joel Montano

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EDUCATION

University of Central Florida, **Orlando, FL**
Bachelor of Science Civil Engineering
Minor Computer Science

- **GPA: 3.5**   **Expected Graduation: Dec. 2020**

EXPERIENCE

Turner Construction   **May 2019 – August 2019**
QC & Cost Engineering Intern

- Audited sub-contractor Pay Applications to ensure money was allocated to the proper pay item and the work in place was correctly reflected. For the months of June and July, prevented an over-billing of $300,000.
- Corresponded with the owner, engineer, and sub-contractors to ensure work in place passed inspections and was up to standard. Submitted change orders, RFIs, submittals, and As-builts as proper documentation for this process.

University of Central Florida   **Nov. 2018 – May 2019**
Undergraduate Research Assistant
Technologies Used: Python 3, matplotlib, pandas, numpy, Anaconda

- Delivered new methods of analyzing storm data using Python scripts and various Python libraries.
- Presented research findings at the UCF Research Showcase.

LEADERSHIP POSITIONS

Society of Hispanic Professional Engineers (SHPE) Event Chair   **Fall 2017– Spring 2018**

- Implemented officer and member meetups to increase transparency within club operations and establish better communication within the organization.
- Arranged social events, ran social media campaigns and highlighted member spotlights to increase member retention and keep club morale high.

SHPE Jr. Director   **Summer 2016 – Spring 2017**

- Established 3 SHPE Jr. Outreach chapters at different local high schools.
- Organized the SHPE Jr. Conference with a budget over $3,000. Planned the conference logistics, secured sponsorships and volunteers, and marketed the event to local schools.

PROJECTS

Personal Website   **Summer 2019**
Technologies Used: HTML5, CSS3, Bootstrap 4, Git

- Self-taught all of the web development languages and git version control.
- Refined the website through the use of CSS grid and Bootstrap to improve layout, functionality, and performance.
- Improved website accessibility through the use of semantic HTML.

Dev.to Open Source   **Summer 2019**
Technologies Used: Ruby, CSS3, Git

- Committed updates to documentation and bug-fixes for codepen.io account integration.
- Refined user experience by fixing bugs where italicized usernames were not properly linking to associated profile.

Joel-Code-Camp   **Summer 2019**
Technologies Used: HTML5, CSS3, Javascript, React, Git

- Followed Free Code Camp and The Odin Project curriculum to create various side projects.
- Built a simple calculator using ES6 Javascript and a To-Do list using React framework.
- Built various HTML, CSS, and Javascript product landing pages and static web pages.