Guillermo A. Rodriguez

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EDUCATION

University of South Florida   **Graduated:** July 2018 **| GPA:** 3.00
Chemical Engineering, Bachelor of Science
Humanities, Bachelor of Arts
Oregon State University   **Expected:** July 2020
Computer Science, Bachelor of Science

PROJECTS

Joe's Personal Site Personal Portfolio (Individual Project)   **January 2019**
https://www.joeroccio.com/

- Built and deployed hugo theme using Github Pages hosting
- Hugo, Markdown, HTML5, CSS3, Bootstrap, Git, Github

Hydrone-kit Product Website (Individual Project)   **April 2018**
https://hydronekit.github.io/

- Designed and implemented marketing website for Senior Design project deploying static site to Github Pages
- HTML5, CSS3, Javascript, Bootstrap. Awarded "Best Senior Design Presentation" in Senior Design Projects

Personal Portfolio (Group Project)   **December 2017**
https://www.pineapplegiant.com/

- Created personal portfolio site using vanilla HTML, CSS grid, and Javascript
- (*In-Progress*) Migrate and contribute to open source via Golang static site generator framework "Hugo" for blog generation

WORK EXPERIENCE

Research Assistant   **August 2018 - December 2018**
USF IT | Tampa, FL

- Programmed Django models using Object-Oriented Python, leveraging Django's ORM in database redesign
- Lead project of 3 students, utilizing agile management techniques using JIRA, assigning tasks, dealing with merge conflicts, and pushes to GitLab

Process Engineer Co-op | *Chemical Recovery & Environmental Department*   **September 2016 - July 2017**
WestRock | Covington, VA

- Troubleshot green liquor density systems by daily sampling of the recovery boiler green liquor, correlating results with equipment data, effectively automating control systems
- Led daily morning and afternoon meetings to communicate pertinent information to the entire department
- Optimized environmental systems and procedure for the segregation of landfill waste and the handling of naturally occurring radioactive material
- Created the first lime kiln thermal picture database to analyze weekly thermal distribution, potentially mitigating the formation of soda rings and reducing potential downtime
- Led daily morning and afternoon meetings to communicate pertinent information to the entire department

Math Assistant   **November 2014 – July 2016**
Kumon | Tampa, FL

- Facilitated the learning of math and reading skills of kindergarten to fifth grade students by grading worksheets and instructing new students on the Kumon method
- Created the first center employee manual to standardize the training experience

SKILLS

Languages: **Frameworks:** Django, Flask, Hugo, Jekyll, Bootstrap, Sass
Proficient - English, HTML5, CSS3   **Editor:** Vim, VSCode
Intermediate - Spanish, Python, Java, C++, Bash   **Version Control:** Git
Novice - Javascript