

Guillermo A. Rodriguez

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EDUCATION

University of South Florida
Chemical Engineering, Bachelor of Science
Humanities, Bachelors of Arts

Graduated: July 2018 | **GPA:** 3.00

Oregon State University
Computer Science, Bachelor of Science

Expected: March 2020

PROJECTS

Hydrone-kit Product Website (Individual Project)

April 2018

<http://www.hydronekit.fun/>

- 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.pineappleant.com/>

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

WORK EXPERIENCE

Research Assistant

September 2018 - Present

USF IT | Tampa, FL

- Program 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

- Troubleshoot 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

2014 - 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:

- *Proficient* - English, HTML, CSS

- *Intermediate* - Spanish, Javascript, Python, Java

- **Frameworks** - Django, Jekyll, Bootstrap, SASS

- **Editor** - Vim, VSCode

- **Version Control** - Git