# Guillermo A. Rodriguez

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## EDUCATION

**| GPA:** 3.00

**Graduated:** July 2018

**University of South Florida**

Chemical Engineering, Bachelor of Science

Humanities, Bachelors of Arts

July 2020

**Expected:**

**Oregon State University**

Computer Science, Bachelor of Science

## PROJECTS

**April 2018**

##### **Hydrone-kit** Product Website (Individual Project)

<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

**December 2017**

##### Personal Portfolio (Group Project)

<https://www.pineapplegiant.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 framework “Jekyll” for blog generation

## WORK EXPERIENCE

**August 2018 - December 2018**

##### Research Assistant

*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

**September 2016 - July 2017**

##### Process Engineer Co-op | *Chemical Recovery & Environmental Department*

*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

**2014 – 2016**

##### Math Assistant

*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

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| --- | --- |
| - **Languages:** | - **Frameworks** - Django, Jekyll, Bootstrap, SASS |
| - *Proficient* - English, HTML5, CSS3 | - **Editor** - Vim, VSCode |
| - *Intermediate* - Spanish, Python, Java | - **Version Control** – Git |
| - *Novice* - Javascript |  |