

# Guillermo A. Rodriguez

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## EDUCATION

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**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

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### 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

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### 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

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### - Languages:

- *Proficient* - English, HTML, CSS

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

- **Frameworks** - Django, Jekyll, Bootstrap, CSS-Grid, Flexbox

- **Editor** - Vim, VSCode

- **Version Control** - Git