

AMELIA CASTILLA

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EDUCATION

University of Central Florida

BS Computer Science, minor in Philosophy

GPA: 3.86

Orlando, FL

Aug 2019 - May 2023

EXPERIENCE

VMware / Paketo Intern - Continuous Secure Delivery

May 2021 - Aug 2021

- Designed and created an open-source Golang-based buildpack that can support the creation of up to date OCI images for front-end JS frameworks, such as React, Angular, or Vue. This product was shipped commercially to VMware's Tanzu Build Service.
(<https://github.com/accrazed/node-run-script>)
- Wrote daily reports on the statuses of our CI pipelines on GitHub Actions and Concourse, and actively maintained large systems of products.

PROJECTS

YoRHa UI for BetterDiscord

<https://github.com/accrazed/YoRHa-UI-BetterDiscord>

- Created a SASS-based environment to adequately write and organize a theme that completely replaces Discord's default UI
- Used Prepros to automatically compile SASS files and create a streamlined developer environment
- Received over 60 thousand downloads, and featured on PC Gamer Magazine

Klove

<http://klove.herokuapp.com/>

Team Project - Project organizer and back-end developer

- Collaborated with 3 developers to implement a React.js service deployed through Heroku
- Queried the user for a property listing of their interest, and returned information about the property/whether that property has a fair listing price compared to previously sold and currently available properties
- Created a Python script that handled back-end database managing and multiple API services for information gathering
- Used SQLite to read and write from a local database

SKILLS

Languages: Java, C++, Golang, Rust, Python, SASS/HTML/CSS

Technologies: SQLite, Docker, Kubernetes, Sequelize, Prepros, Blender

OTHER

Blender Tutorial Videos Commission Work

Created and actively maintained 5 fully fleshed out projects with accompanying videos to teach students how to be proficient in the 3D modeling software Blender. Actively being used for teaching at Coral Springs High School (Coral Springs, FL).