AMELIA CASTILLA

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EDUCATION

University of Central Florida   Orlando, FL
BS Computer Science, minor in Philosophy *GPA: 3.86*   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. Wrote daily reports on the statuses of our CI pipelines on GitHub Actions and Concourse, and actively maintained large systems of products.

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).

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

Node Run Script Buildpack   https://github.com/accrazed/node-run-script

- Wrote a Golang-based buildpack for the open source community Paketo
- Implemented the full extent of test-driven development to create comprehensive unit and integration tests that showcased the buildpack's ability to automatically run package scripts before turning apps into OCI images

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