Amelia Castilla

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Education

University of Central Florida   Orlando, FL
BS Computer Science, minor in Philosophy   Aug 2019 - May 2023
GPA: 3.9

Experience

VMware / Paketo *Intern - Continuous Secure Delivery*   May 2021 - Aug 2021
- Designed and created a test-driven 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)
- Deployed a Triage Party instance via GCRegistry and GCRun, organizing issues and PRs from dozens of repositories we're responsible for into a completely customized structure for my team.
- Wrote daily reports on the statuses of our CI pipelines on GitHub Actions and Concourse, and actively maintained large systems of products.

Skills

Languages:	Python, Java, SASS/HTML/CSS, Golang, Rust
Technologies:	SQLite, Docker, Kubernetes, Sequelize, Prepros, Blender

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 60,000 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

TipPal   https://github.com/AccraZed/TipPal
Team Project - Front end developer and database developer
- Worked with two developers to create a React Native based phone app to record tips earned
- Fully designed the UI through the use of a Figma mockup, and implemented the related markup and styles
- Used SQLite to retain any tips logged and their associated dates

Accrazed.github.io   https://accrazed.github.io
- Created a Typescript-based React site to showcase my portfolio on Github Pages
- Streamlined the site's generation through the use of iterables that return templated information in both the Typescript and Sass files
- Harnessed mobile-first design to ensure the website is easily viewable and interactive on smaller screen devices

Gosu   https://github.com/AccraZed/Gosu
- Wrote a Golang-based API wrapper for the Osu! APIv2
- Added functionality to only request refresh tokens when the current token was expired, and use a prior, locally-written token otherwise
- Included extra functions to streamline obtaining and compiling information from the API, in ways that the default API doesn't easily provide