Blair Cardiel

Portfolio · GitHub · LinkedIn · blaircardiel@gmail.com · Palm Bay, FL (Willing to relocate)

SKILLS

Python · **Go** · **TypeScript** · **React** · **CSS (Tailwind/Sass)** · **SQL** · **Redis** · **Git** · **GitHub Actions CI/CD**

Interests: Rendering Strategies · User Experience (UX) · Accessibility · i18n

PROJECTS

rivals.academy   *2022 - Present*

Website + API for the Rivals Academy gaming community that allows players to visualize movesets and stats for in-game characters and read strategy guides.

- Designed responsive, accessible frontend with modern CSS and semantic HTML, achieving **100/100/100/100** Google Lighthouse score
- Features strategy guide articles written by pros with **i18n translations** and **RSS** support
- Implemented with Hugo for static generation, ease of maintenance, and low cost hosting
- Set up **CI/CD pipeline** with Github Actions for automatic site builds and deployments
- Automated processing of moveset visualizations with ImageMagic

Mentorbot 3.0   *2018 - Present*

A Discord app for Rivals Academy that serves **over 50,000 users** across 300+ community hubs.

- Created using discord.py, an object-oriented Discord API wrapper for **Python**
- Deployed **Redis Database** to persistently store links between users' Discord and Steam
- Integrated with rivals.academy and steamjoin.com, adapting their UX to the chat platform for quick hitbox information references and efficient tournament matchmaking
- Continually maintained and updated through Discord API overhauls and feature adds

steamjoin.com   *2023*

Allows users to seamlessly invite others to peer-to-peer matches via the Steam browser protocol. Designed to supplement a Mentorbot feature, it also functions as a standalone service.

- Used **Go** standard library to parse Steam API responses, then server render response HTML
- Utilized go-chi dynamic routing and **JavaScript** to unify search and redirect implementation
- Enabled **logging** + **rate limiting** with standard library compatible go-chi middleware
- Styled single Go Template file with **Tailwind CSS**

Open Source Contributions: Adobe React Aria

EDUCATION

Long Beach City College · Long Beach, CA   *June 2020*

Associates of Science – Computer Science

Extracurricular: Women in Information Technology Club