

# Blair Cardiel

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## SKILLS

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

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

## EDUCATION

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

June 2020

*Associates of Science – Computer Science*

## PROJECTS

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[rivals.academy](#)

2022 - Present

A website for the Rivals Academy gaming community that allows players to visualize hitboxes, movesets, and stats for in-game characters.

- Implemented with Hugo for static generation, ease of maintenance, and low cost hosting
- Designed responsive, accessible, mobile-first 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 feed support
- Setup CI/CD pipeline with Github Actions for automatic site builds and deployments
- Processed hitbox and frame visualizations with ImageMagick

[Mentorbot 3.0](#)

2018 - Present

A Discord app for the Rivals Academy gaming community that links novice players with pros for mentorship, serving over 50,000 users across more than 250 community hubs.

- Created using discord.py, an object-oriented Discord API wrapper for Python, and Redis
- 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
- Deployed Redis RDB to persistently store links between users' Discord and Steam accounts

[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, styling single Go Template file with Tailwind CSS
- Utilized go-chi dynamic routing and JavaScript to unify search and redirect implementation
- Enabled logging and rate limiting with standard library compatible go-chi middleware