

# Caelan Borowiec

## About

For more than ten years I have worked on both frontend and backend projects at startups, mid-size private businesses, and large non-profit organizations. I am accomplished working solo or with a team, and my responsibilities have encompassed end-user support, departmental management, and infrastructure administration. In addition to my programming and leadership experience, I have training in graphics design and web accessibility.

## Experience

### Languages & Frameworks

JavaScript, jQuery, ChartJS, React, PHP, Laravel, Blade, MySQL, HTML5, CSS3, Bootstrap, GScript, Python, Pawn, LUA

### Platforms & Development Experience

Drupal, WordPress, Git, Linux server & Bash shell, Nginx & Apache, Office365 administration, building RESTful web apps with Hubspot CRM, Asana ticketing, Mailchimp, Google Workspace, etc.

### UX/UI & Design Proficiencies

Adobe Creative Cloud, Photoshop, Illustrator, Fireworks, vector graphics, color palette design, web accessibility.

## Professional History

### FM Expressions - Pittsburgh, PA, USA - Remote

#### Principal Software Engineer, June 2019 to Present

- Significantly improved manufacturing times and reduced waste by developing a suite of industry-leading tools, automation solutions, and bespoke digital work queues for our product pipeline.
- Worked directly with company leadership to develop vital business analytics tools used to evaluate employee performance, track production metrics, view customer purchasing trends, and other important data ingestion.
- Maintained the company's primary e-commerce platform and provided support and training to other members of the development team.

### Unikrn - Darlinghurst, NSW, Australia - Remote

#### Consultant Developer / Reverse Engineer, January 2012 to Present

- Developed in-game advertisement software fundamental to the company's core product.
- Reverse engineered third-party game client software and worked with game engine developers to maximize advertisement exposure without detracting from the game experience.

### University of Pittsburgh: Pittsburgh Quantum Institute - Pittsburgh, PA, USA

#### Lead Software Engineer / IT Manager, May 2012 to June 2019

- Designed and developed multiple sophisticated Drupal-based web platforms to replace deprecated websites.
- Authored custom themes and modules to streamline editor workflows, directly integrate with third-party services for helpdesk, newsletters, custom workflows, and optimize a small team to work efficiently.
- Architected a video broadcast studio and portable A/V operations for a number of major events with live streaming integration to the websites.

### AlliedModders Developer Community

#### Volunteer Open Source Developer & Reviewer, March 2009 to Present

- Authored and published more than 62 open-source projects for the Valve Source Engine with many modules becoming popular in the community, while concurrently serving as a code quality and security reviewer.

## Education

### Web Publishing, AAS - Westmoreland County Community College

#### March 2011 to March 2014, (4.0 GPA)

- Major: Web architecture. Minors: Graphics design, digital marketing.
- WCCC President's List for Scholastic Achievement honoree: Spring 2011, and Fall 2011.