BRENNAN O'BRIEN-CAHILL

SOFTWARE DEVELOPER

CONTACT

📞 571-246-1276

✉ brennan.obc@gmail.com

in LinkedIn.com/in/brennan-obc

◯ GitHub.com/brennan-obc

🌐 brennan-obc.dev

PROFICIENCIES

o JavaScript & TypeScript

o HTML & CSS

o C#

o SQL

o React

EDUCATION

A.S. Computer Science
Brightpoint Community College
Expected December 2025

JS Data Structures & Algorithms, JS Data Visualization
freeCodeCamp
Expected May 2024

Various Courses (250+ Hours)
Udemy, 2022 –2023

Responsive Web Design Cert.
freeCodeCamp, 2023

Entry-Level Electronic Intel
USN Corry Station IWTC, 2011

SUMMARY

Seeking to leverage a versatile skillset and passion for creative problem-solving in a full-time software developer role. Thrives in dynamic environments that require rapid learning of new technologies, with proven proficiency in full-stack design and development of high-impact applications following Agile methodologies.

WORK EXPERIENCE

INTERN, SOFTWARE DEVELOPMENT
Experimental Pathology Laboratories | September 2023 — Present

- Spearheaded the end-to-end development of a digital archival application, designed to modernize a paper-based storage system while maintaining strict regulatory compliance.
- Developed a user-centric interface featuring extensive accessibility features and smart input validation, and a robust back end which couples with a full-fledged database system to automate over 75% of data entry tasks, perform routine file integrity checks, and ensure atomicity and consistency of transactions.
- Architected a dynamic archive search engine, enabling the filtration of archived files by over a dozen parameters, opening the door to previously impossible analytical capabilities, and elevating the archive beyond mere regulatory compliance.

FULL STACK DEVELOPER
Warmane.dog | February 2023 — September 2023

- With the mentorship of a senior developer, led the development of Warmane.dog, a video game stats-tracking web platform and API, marking the first professional application of software skills obtained through self-taught learning, online courses, and personal projects.
- Engineered a robust web crawler to collect and parse raw HTML, transforming it into usable data which was used to create and maintain a NoSQL database, serving as the primary data source of the web platform.
- Configured the web platform to integrate seamlessly with the new API, enabling features such as filterable overall ranking charts, individual player statistics, and various comparisons; applied custom styling to the platform, enhancing the user experience and ensuring a fully responsive design.

PAST EMPLOYMENT
2010 — 2018

- Journeyman Electrician, Chewning & Wilmer, 2020 – 2023
- Foreman (Fire Alarm), IES Commercial, 2018 – 2020
- Electrician, *Infinite Electric*, 2017 – 2018
- Apprentice Electrician, Service Electrician, *Liston Electric*, 2014 – 2017
- Cryptologic Technician (Technical), *United States Navy*, 2010 – 2014