SOFTWARE DEVELOPER

BRENNAN

O’BRIEN-CAHILL



* JavaScript & TypeScript
* HTML & CSS
* C#
* SQL
* React

PROFICIENCIES

**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

EDUCATION

571-246-1276

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brennan-obc.dev

CONTACT

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

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.

SUMMARY