

Simon O'Shea

vesspa0330@gmail.com | (207) 701 – 6630 | Boston, MA

www.s-oshea.com

Skills:

Languages/Frameworks: Java, C#, C++, XAML, HTML/CSS, Javascript, SQL, React, Next.js

Software: Eclipse, Visual Studio, Jira, Git, Bash, SSH, SFTP, Photoshop, Microsoft Office, Wireshark, Unity, Docker

Operating Systems: Windows, Linux (Ubuntu, Manjaro)

Experience:

WindowDressers – Part-Time Web Development | *Boston, MA*

November 2023 – Present

- Renovating nonprofit's custom software solution and internal website
- Directly collaborating with organization's Director and CIO, road mapping Laravel and AngularJS upgrades

Scalable Display Technologies – Software Engineering Intern | *Boston, MA* **September 2022 – December 2022**

- Collaborated with support and agile development teams to identify new feature requirements
- Implemented new software features which were showcased at The Interservice/Industry Training, Simulation and Education Conference 2022
- Designed and implemented production-ready "Export Options" and "LED Auto-Calibration" GUIs with XAML and C#
- Tested my own implementations plus Scalable's product integrations with NVIDIA drivers and Unreal Engine nDisplay

Canvas GFX – Software Testing Engineer Intern | *Boston, MA*

January 2022 – May 2022

- Performed thorough testing of software utilized by NASA
- Collaborated remotely with quality assurance team to organize deadlines and delegate tasks
- Reported bugs, unexpected behavior, and feature suggestions to developers
- Collaborated directly with developers to tackle intricate anomalies

Greenopia – Part-Time Web Development Contract | *Rockland, ME*

May 2021 - August 2021

- Revived a 10 year old website focused on sustainable businesses in the USA as part of a team
- Reorganized and maintained database of client information
- Wrote an extensive form in HTML for returning clients using the Ruby on Rails framework

Colleges of the Fenway Skate Club – President / Founder

2021 – 2023

- Arranged and facilitated weekly meetings, ranging from social gatherings to hands-on group carpentry projects
- Managed club's executive board, budget, and social media accounts

Wentworth Institute of Technology – Admissions Coordinator + Orientation Leader

2019 - 2023

- Assisted in scheduling and managing Admissions Ambassador's shifts on Sling
- Conducted campus tours, spoke on student panels, and directly engaged with visiting student families
- Mentored freshmen through orientation weeks while providing support and counsel

Projects:

Continuous Glucose Monitor Statistics – Senior Final Project

- Engineered a visually appealing web application to simplify the blood monitoring procedure for diabetic patients
- Driven by Bootstrap-React, Plotly, FastAPI, and research authorized by the Institutional Review Board (IRB)

Pathfinding Algorithm Visualizer – Classical Artificial Intelligence Project

- Designed and incorporated the A*, DFS, and IDS algorithms into an interactive pathfinding visualization application
- Showcases a user-friendly graphical user interface that adds an element of enjoyment to the process of studying paths

MythMatchr – Software Engineering Final Project

- Employed the waterfall model to develop an educational video game in Unity based on geography and mythology
- Produced professional software documentation for easy reconstruction or studying of our project's implementation

Education:

Wentworth Institute of Technology (WIT) | *Boston, MA*

Graduated: August 2023

Bachelor of Science in Computer Science, Minor in General Business Management

GPA: 3.85/4.0 | **Magna cum Laude** | Dean's list (every semester)

Hobbies/Interests: Skateboarding, Drawing/Painting, Miniatures, Reading, Video Games, Music, the Old Internet