

Philip Bui

Greater Boston Area, Massachusetts

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OBJECTIVE

Computer Science professional skilled in software development and product management. Driven to develop and refine devops solutions that optimize software processes and alleviate operational challenges.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA

B.S. in Computer Science, GPA 3.82/4.00

Dean's List

Aug 2021 - Dec 2023

Fall 2021 & 2022, Spring 2023

SKILLS

Programming Languages:	Java, HTML, CSS, JavaScript, TypeScript, C, C#, C++, SQL, VBA, Python, GLSL ES
Software Development:	Git, JavaFX, React, Node.js, AWS, Oracle, Postman, Unity3D, MongoDB, OpenAI
Project Management:	GitHub Project, Notion, Trello, Jira, Microsoft Teams, Slack, Notion, Google Drive
Creative:	Photoshop, Photopea, Blender, Figma, After Effects, HitFilm, iMovie, Clipchamp

EXPERIENCE

Website Developer Intern, ProsperOn

Jun 2023 - Sep 2023

- Developed interactive and accessible financial simulation web pages and oversaw multiple API integrations.
- Managed pull requests and generated thorough documentation, facilitating seamless future developments.

Operations Intern, Amazon

Jun 2023 - Aug 2023

- Developed an internal tool, projected to reduce costs by >\$10k (95%) per trained Amazonian.
- Built a server for efficient data retrieval from Amazon's FCResearch, enhancing inventory tracking.
- Located and monitored >7,000 lost inventory items, reducing misplacement with a data-driven approach.
- Authored white papers and led sustainability initiatives, supporting Amazon's carbon neutrality goals.

Freelance Website Developer

Feb 2023 - Present

- Partnered with artists to transform creative visions into high-impact, visually engaging websites.

PROJECTS

Blockchain-Based Smart Contracts for Efficient Low-Income Housing Development, WPI MQP Aug 2023 - Present

- Developed an OpenGov smart contract system that cut permit-related pre-development time by months.
- Designed a system to display statistics for tax credits & subsidies on parcels utilizing OpenAI APIs and GIS.

Nitrogen Cycle Public Outreach AR Game for Boys & Girls Club, WPI IQP

Oct 2022 - Mar 2023

- Corresponded with the Boys & Girls Club and WPI's STEM Education Center to align project deliverables.
- Led an 8-person team to develop an educational AR game, receiving an 86% approval rating from users.
- Facilitated learning for 100% of players on at least one core concept of the nitrogen cycle in agriculture.

Medical Service Request System for Brigham & Women's Hospital, WPI Software Engineering

Mar - May 2022

- Streamlined the development of a 20+ page service request system as a key front-end engineer
- Contributed to the system framework including 200+ classes, 24 interfaces, and 87 front-end controllers.
- Utilized UML and user stories and developed interactive visual simulations and navigation systems.

VOLUNTEER EXPERIENCE

- Social Media Manager, Worcester Senior Center & Luv Michael

Aug 2019 & May 2021