

CAREER OBJECTIVE

Driven computer science student at Worcester Polytechnic Institute specializing in software engineering, game development, and web development. Eager to leverage technical and analytical skills to deliver innovative solutions in a collaborative, results-driven environment.

EDUCATION

August 2021 – August 2025

**B.S. in Computer Science & Minor in Interactive Media and Game Development,
Worcester Polytechnic Institute**

PROFESSIONAL EXPERIENCE

ICT INTERN, BETTING GAMING & LOTTERIES COMMISSION

SEPTEMBER 2025 - PRESENT

- Assisted in redesigning the agency's internal intranet, migrating from Drupal to WordPress for improved usability, security and content management.
- Set up and configured a WAMP development environment and implemented custom CSS/JS animations using Elementor and Spectra.
- Designed and styled dynamic components such as announcements, events and department pages with responsive layouts.
- Integrated backend data using WP Data Access for secure and interactive content management.
- Documented custom code and UI standards to support future developers and system maintainers.

ADVANCING BLACK PATHWAYS FELLOW, JPMORGAN CHASE & CO.

JUNE 2023 - AUGUST 2023

- Assessed a company's problem and proposed actionable solutions during a Business Sprint Project, resulting in clear strategic recommendations
- Developed attack and defence strategies for virtual robots using Robocode, strengthening algorithmic robustness and enabling more consistent success in competitive simulations
- Developed a full-stack application through a tech primer, implementing front-end and back-end components to produce a working MVP that provided me with hands on experience

IT DEPARTMENT INTERN, APPLIANCE TRADERS LIMITED JAMAICA

JULY 2022 - AUGUST 2022

- Provisioned multiple desktops and laptops for new hires, ensuring seamless onboarding
 - Delivered effective desktop support and software installation across multiple departments, streamlining IT operations and boosting end-user productivity
 - Integrated new systems into the corporate domain and resolved technical issues promptly
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PROJECTS

BOSTON FREEDOM TRAIL WEB APP - <https://freedom-trail-tour.vercel.app/>

- Collaborated on a mobile-first React and Next.js application guiding users along the Boston Freedom Trail
 - Designed user authentication pages, implemented a badge system and contributed to live location tracking using Leaflet.
 - Integrated Google Maps API and MongoDB for data storage and business listing
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TECHNICAL SKILLS

- **Languages:** C, C++, Java, Racket, SQL, JavaScript, TypeScript, HTML/CSS, React, JavaFX, Tailwind CSS
 - **Frameworks/Technologies:** Express.js, MongoDB, Passport.js, Three.js, Web Audio API, Next.js, Leaflet, Google Maps API, NextAuth.js
 - **Tools:** Git, GitHub, Gradle, IntelliJ, Eclipse, Jira, GitHub Projects, Matlab, Vercel, Figma
 - **Methodologies:** Agile, Test-Driven Development
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CERTIFICATIONS

- J.P. Morgan Software Engineering Virtual Experience Program on Forage – May 2023
 - Business Case Development Certificate of Completion on Harvard ManageMentor – July 2023
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