

Russell Joarder

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EDUCATION

Boston University | Boston, Massachusetts

Bachelor of Arts in Computer Science

Expected May 2028

Minor: Business Administration & Management

GPA: 4.0/4.0

Westtown School | West Chester, Pennsylvania

June 2024

PROJECTS

Wordle Solver | Personal Project

Dec 2024

- Designed a unique Wordle solver with **Python**, utilizing data science skills
- Developed accompanying website using **React**, **CSS**, and **Flask** to integrate front end with the **Python**-based backend
- Structured dataset into optimized hashmaps with metadata for each word for effective use in software
- Built advanced word recommendation and winnowing algorithm using the dataset achieving a 99% success rate

Swap Squad | Hackathon Project | 2nd Place Prize Winner

Oct 2024

- Developed the first decentralized peer-to-peer marketplace on the TRON blockchain with highly competitive fees for businesses and customers, still maintaining a clear profit-driven business model
- Leveraged **Solidity** to build the smart contract on TRON network, ensuring security, transparency, and reliability
- Connected smart contract with the front-end user interface using **React** and **Flask** for API framework on the backend

Westtown School Dining Website | Team Project

Dec 2023

- Led a team of six to resolve a school-wide dining hall menu accessibility issue, demonstrating leadership skills
- Developed dynamic website using **PHP**, **SQL**, **CSS**, and **JavaScript** with improved menu accessibility and speed
- Conducted surveys to gather feedback, ensuring site accessibility and effectiveness

TECHNICAL SKILLS

- Programming Knowledge:** Python, React, PHP, Java, JSP, Flask, Solidity, SQL, Node.js, JavaScript, HTML, CSS
- System Knowledge:** MongoDB, Webflow, Microsoft Excel, Git, VS Code, Stripe, PHPMyAdmin

WORK EXPERIENCE

Let's Cook AIO | Digital Startup

Co-Founder

Sep 2022 – Dec 2024

- Generated over **\$30,000** through a subscription-based digital business model, monetizing profitable reselling info
- Developed **Python-based** chatbots using **MongoDB** and social media platform **Discord's APIs** for customer support, subscription management, member onboarding, and automatic sales funnels
- Designed and launched company website with **HTML**, **Tailwind CSS**, and **JavaScript**
- Provided digital services and support to 800+ **paid subscribers**, maximizing retention and satisfaction
- Managed 30+ contractors to deliver premium content for subscribers

Westtown School Summer Day Camps | West Chester, Pennsylvania

Camp Counselor

June 2022 – Aug 2023

- Developed and enhanced leadership, teamwork, and problem-solving skills through daily camp operations
- Facilitated engaging and educational activities for children ages 4-13, ensuring safety and enjoyment
- Managed day-to-day camp logistics, maintaining a smooth and positive camp experience for participants

LEADERSHIP & ACTIVITIES

- Member of Boston University Blockchain Club
- Head and founder of South Asian Multicultural Organized Student Association
- Member of Westtown School's Student Ambassador Digital Marketing Team
- Varsity Wrestling | Three Time State Qualifier
- Member of Westtown School Investment Club