

Russell Joarder

West Chester, PA | rjoarder@bu.edu | [linkedin.com/in/russell-joarder](https://www.linkedin.com/in/russell-joarder) | github.com/russelljoa

EDUCATION

Boston University | Boston, Massachusetts

BA in Computer Science, Minor in Business Administration and Management | GPA: 3.7/4.0

Expected May 2028

Relevant Coursework: Data Structures & Algorithms, Information Systems (May 2026)

TECHNICAL SKILLS

Languages: Python, TypeScript/JavaScript, Java, SQL, Solidity (*familiar: C/C++, PHP, Assembly*)

Frameworks: React, Next.js, Node.js, Flask

Database: MongoDB, MySQL, PostgreSQL, Supabase

Cloud/DevOps: AWS (S3, Lambda, EC2, SES), Vercel, Heroku, Git/GitHub, Redis

Other: Systems Design, REST APIs, Socket.IO

PROJECTS

Parrot Drop | parrotdrop.com

Jul 2025 – Present

- Developed and shipped a full-stack file/media sharing platform with temporary file lifecycles, short-link sharing service, and real-time delivery for a clutter-free UX
- Implemented a **Next.js** (TypeScript) frontend and **Node.js** REST API; used **AWS S3** buckets for storage, **MongoDB** for metadata, **Firebase Auth** for JWT authentication, and **Socket.IO** for real-time updates
- Scaled to over 100 users and 2.1TB total transfers; secured media with **S3 signed URLs** and backend access controls

Wordle Solver | github.com/russelljoa/wordle-solver

Dec 2024

- Built a **Python** Wordle solver using letter-frequency + constraint propagation; engineered fast lookups with hashed structures and per-word metadata to improve performance
- Achieved **≈95% solve rate** across word pool; designed automated testing framework to validate constraints/heuristics and ensure correctness while adjusting parameters in development

EXPERIENCE

ChesCo Webworks | West Chester, PA

Co-Founder & Lead Developer

Oct 2025 – Present

- Architected and deployed lead generation sites for 6+ local businesses with **Next.js**; drove **15,000+ organic monthly visitors** and managed projects end-to-end (lead procurement → discovery → requirements → deployment → revisions)
- Developed internal centralized form handler + email pipeline (**Next.js** + **Node.js**) with submission tracking and configurable alerts; deployed on Heroku and integrated **AWS SES** for email delivery to reduce missed inquiries
- Implemented sliding window IP-based rate limiting with **Redis** and honeypot filtering to reduce spam/bot submissions

Erie Home | Exton, PA

Field Marketing Agent

Jun 2025 – Aug 2025

- Generated **\$148,000 in gross revenue** by sourcing qualified leads via door-to-door outreach; ranked top 10 weekly in the region for sales performance (July 2025), demonstrating strong communication and performance under targets

Let's Cook AIO | West Chester, PA

Co-Founder

Sep 2022 – Dec 2024

- Co-founded a subscription-based digital community for e-commerce resellers; scaled to **\$11,000+ MRR** (peak) and supported **838 total paid subscribers**
- Built Python automation bots (**Discord API** + **MongoDB**) for automatic sales funnels, onboarding, support workflows, and subscription management with **Stripe** and **Whop API** integration
- Coordinated **30+ contractors** delivering member content and operations for a **4,000+ user** broader community.

LEADERSHIP & ACTIVITIES

Boston University Blockchain | Executive-Board Member | bublockchain.com

Vice President of Technology

May 2025 – Present

- Designed and led technical seminars educating developers on web3/blockchain technologies
- Coordinated logistics for club participation at industry conferences and hackathons
- Directed full redesign of the organization's website and managed ongoing technical infrastructure