Jaryd Diamond

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SKILLS

Languages
Python, JavaScript/TypeScript, C/C++, HTML/CSS

Tools and Frameworks
React, AWS, MySQL, MongoDB, GraphQL, Docker, Jenkins, Ansible

EDUCATION

University of Waterloo   09/2021 – 04/2026
Bachelor of Computer Science, Human-Computer Interaction Specialization
- Awarded Term Distinction in all completed terms, Nominated for Co-op Student of the Year

WORK EXPERIENCE

Arctic Wolf   05/2024 – 08/2024
Software Developer, Security Research and Innovation Team (Cloud + Backend)
- Scaled **malware sandboxing** infrastructure by 33x, leading to the detection of 14 novel threats across high-profile clients
- Architected and implemented serverless functions using **AWS Lambda**, managed cross-account **IAM permissions**, and leveraged Infrastructure as Code (IaC) with **Troposphere** and **CloudFormation** for streamlined resource provisioning
- Coordinated efforts across security teams to automate threat analysis workflows through **Ansible** and **CI/CD pipeline** deployment

99 Ravens AI   12/2023 – 04/2024
Lead Product Developer (Full-stack)
- Led MVP development, including research, **system architecture design**, chatbot integration with **GCP**, and **LLM** fine-tuning
- Drove project success through clear communication with non-technical founders, ensuring alignment and clarity

Horizn (Acquired by Inbenta)   09/2023 – 12/2023
Web Developer (Full-stack)
- Managed complex database migrations using **Laravel**, seamlessly integrating critical client configurations and delivering successful demos for 20+ international banking clients, benefiting over 90 million end-users
- Improved backend **PHP** infrastructure, accelerating configuration updates and enhancing developer efficiency by up to 20%

Arctic AI   01/2023 – 04/2023
Software Developer (Full-stack)
- Engineered various full-stack client projects using the **MERN** stack (**MySQL/MongoDB, Express, React, Node.js**), including development of high-performance migration scripts that successfully mapped 80,000+ legacy client records to a **MongoDB** database
- Built full-stack **MLOps** platform for real-time model monitoring and metrics, driving adoption into core product suite

Mikobyte Solutions   05/2022 – 08/2022
Software Developer (Full-stack)
- Developed production-ready financial visualization tools with **React**, **Flask**, and **C++**, launching in key product offering
- Collaborated directly with co-founders to innovate and streamline features, achieving a 100% improvement in website load times

PROJECTS

Mini Builds Hackathon Simulator ⧉ | React, Socket.IO, Next.js
- Created real-time multiplayer game in 36 hours using **WebSockets** and **React**, ran a successful live demo for a 100+ person audience

Resonant ⧉ | Jupyter Notebook (Python), GPT-4
- Implemented a friend-nominated dating algorithm in 6 days, earning 100k+ Twitter impressions and fostering 2 relationships

Chess Engine ⧉ | C++
- Constructed chess engine in **C++** with **object-oriented** principles and multiple levels of computer AI, resulting in a final grade of 110%

LEADERSHIP

Socratica ⧉   05/2024 – present
Executive
- Cultivating a builder community in Waterloo (and worldwide), spanning 32 cities and empowering 5000+ hours of deep work, 1 million+ impressions on socials, Y Combinator acceptances, and hundreds of passion projects featured in **BetaKit**, **CBC**, **NYT**, and more
- Organizing and hosting various events for our 3000+ attendees, including **sold-out film festivals**, bonfires, and a **global symposium**

UW Blueprint ⧉   09/2023 – 12/2024
Internal Director & Project Developer
- Developed full-stack **(React, GraphQL, Flask, MongoDB)** **volunteer platform** to coordinate meals for 150,000+ underprivileged kids
- Oversaw logistics and drove community events for 100+ team members as Internal Director, fostering innovation and collaboration

UW Mario Kart ⧉   05/2023 – 12/2024
Founder & President
- Built 300+ member community from the ground-up, pioneering **esports-music fusion events** and achieving D1 world finalist status