

Crystal Parker

Interested in Web Development and Cybersecurity, member of Women in Cybersecurity (WiCyS) Global

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TECHNICAL SKILLS

Languages & Databases: JavaScript, Java, Python, C, C#, SQL, HTML/CSS, PHP, MySQL, DynamoDB, MongoDB

Frameworks: React, Node.js, Flask, Django, Bootstrap, Material-UI, Chakra UI, Tailwind, Phaser3

Developer Tools: Git, Docker, VS Code, IntelliJ, AWS, Unity, Vercel, Figma

Natural Languages: English (Native Speaker), French (Intermediate)

Certificates: Microsoft AZ-900, SC-900 and AI-900

EXPERIENCE

Koii labs Intern Full Stack JavaScript Web3 Developer Jan 2024 – April 2024

- Actively identifying and resolving bugs on full-stack MERN websites, updating GitLab with merge requests.
- Completing multiple projects with minimal assistance, including guess.koii.network with over 1500 users.
- Mastered the use of style libraries Chakra UI and Tailwind to improve web app aesthetics and responsiveness.
- Contributed to the development and support of dashboard.koii.network, a key platform used in investor meetings, and made significant improvements to at least six other repositories.

Website Developer Sep 2019 – Present

- Developed websites using Python frameworks Flask, Django, and CMS Mezzanine for 4 clients
- Provide technical support and tutoring to 2 senior clients

NearArcade Collaboration Apr 2022 – Jan 2023

- Collaborated on HTML5 game with Curtis Robinson Senior Developer and LoMaking NFT Artist
- Contributed ~30% of JavaScript code and wrote the NEAR contract in Rust with tests
- Achieved best week 3575 plays, top 20 players over 100 plays each and top player played 458 times

Art Course Blog WordPress Apr 2016 – Jan 2019

- Marketing and communications: 11 courses sold, 360 subscribers, 34% open rate, and 5.8% click rate

PROJECTS

Unity Game Dev | C#, Unity, Blender, Git Sep 2023 – Jan 2024

- Collaboratively designed and developed two Unity games, showcased in portfolio

Full-Stack Development Projects | MERN stack, AWS, Docker, TypeScript, NextAuth, Vercel Jan 2023 – Dec 2023

- Junior Dev Forge: Led a team to build an MVP using Next.js. Login using NextAuth, deployed on Vercel. Received multiple LinkedIn recommendations for team organization, code tutorials, and extensive code contributions.
- Formula Factory: Envisioned and developed app for editing math-based cheat sheets using docker and AWS.
- StockVision: Developed user authentication and facilitated conflict resolution to ensure on-time delivery.

NEARvember hackathon | AssemblyScript, Rust, React, JavaScript, Git Nov 2021

- Participated in 12-part hackathon hosted by NEAR protocol, completing 12 challenges over 2 weeks
- Achieved 15th place out of 92 participants, many of whom were more experienced.

HTML5 Game Development | JavaScript, HTML5, Git 2019 – Present

- Designed and developed 2 polished games and 8 game jam games using HTML5
- Researched and incorporated decentralized technologies into 4 games

EDUCATION

Dalhousie University | GPA: 3.69

Bachelor of Computer Science, Biology Minor | Sexton Scholar, Dean's List

Honours: Intersection of Mobile Gaming and Security, Skills: Research, Python and JavaScript scripting

Relevant Courses: Software Engineering, Cloud Computing, Advanced Web Services, Advanced Database Systems

ICTC Cybersecurity Training and Work Integrated Learning program

Halifax, NS

Jan 2021 – May 2024

Oct 2023 – May 2024