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, SQL, HTML/CSS, PHP, MySQL, DynamoDB, MongoDB
Frameworks: React, Node.js, Flask, Django, Bootstrap, Material-UI, Phaser3
Developer Tools: Git, Docker, VS Code, IntelliJ, AWS
Natural Languages: English (Native Speaker), French (Intermediate)
Certificates: Microsoft AZ-900, SC-900 and AI-900.

EXPERIENCE

Website Developer   Sep 2019 – Present
- Developed websites using Python frameworks Flask, Django, and CMS Mezzanine for 4 clients
- Provided technical support and tutoring to 2 senior clients
- Websites: donmewsphotography.ca, cos-dev.org , captainsinnalma.ca

NearArcade Collaboration   Apr 2022 – Jan 2023
- Collaborated on HTML5 game with Curtis Robinson Senior Developer and LoMaking NFT Artist
- Coordinated collaboration, communication, and presented ideas and progress
- 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
- Website: neararcade.com/mrbrown/

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

StockVision | React, NodeJS, ExpressJS, NEXT.js, Material-UI, MongoDB, Git   Jan 2023 – Apr 2023
- Developed user authentication for full-stack MERN stock tracking application
- Facilitated conflict resolution to ensure on-time delivery
- Project Demo: youtu.be/rP99sH69eB0 Repo: tinyurl.com/z5m9m7uv

Formula Factory | React, NodeJS, ExpressJS, Material-UI, DynamoDB, AWS, Docker, Git   Jan 2023 – Apr 2023
- Envisioned and developed a full stack MERN application for editing math-based cheat sheets
- Project Demo: youtu.be/NnyJIa2vvnk Repo: tinyurl.com/5n88jptv

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.

Shiftkey Labs' Covid-19 Virtual Hackathon | Python, Django   2020
- Developed a Django web app in collaboration with team of four
- Demo: youtu.be/IAqi-IBnvIA

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
- Games Portfolio: vertfromage.github.io/games/

EDUCATION

Dalhousie University | GPA: 3.69   Halifax, NS
Bachelor of Computer Science, Biology Minor | Sexton Scholar, Dean's List   Jan 2021 – May 2024
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   Oct 2023 – May 2024