Daniel Park

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EDUCATION

Wilfrid Laurier University   Waterloo, ON
Bachelor of Science in Computer Science and Mathematics   *Sept. 2023 – May 2027*

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, HTML/CSS
Frameworks: React.js, Tailwind.css, Express.js, Flask
Libraries/Technologies: pandas, NumPy, Plotly, Twilio, Figma, java.swing

EXPERIENCE

Contract Web Developer   September 2024 - December 2024
Whizi.Ai   *Waterloo, ON*

- Developed and implemented responsive frontend interfaces using React and Tailwind CSS, enhancing user experience with modular and reusable components.
- Conducted thorough testing and debugging to resolve interface issues, contributing to a smoother, more stable user experience.
- Participated in code reviews and team meetings to discuss project updates, promote code quality, and implement best practices.

AWS Cloud Platform Setup for Workload Deployment   June 2024 - July 2024
MykCloud   *Newmarket, ON*

- Analyzed the company's current workload and infrastructure requirements to determine the optimal AWS cloud setup.
- Conducted testing and validation of the setup to ensure it meets the company's requirements and performance expectations.
- Optimized the platform for workload deployment, ensuring scalability, security, and cost-effectiveness.

PROJECTS

Disaster-GPT (Newhacks 2024) | *React.js, Tailwind.css, Express.js, Twilio, Python*   October 2024

- Developed a Natural Disaster Alert System that warns users of imminent disasters within 6 days and provides preparation guidance.
- Built a responsive, modular frontend using React with Vite and Tailwind CSS for Disaster-GPT's real-time weather monitoring.
- Integrated Tomorrow.io's API with Express.js backend for real-time weather data processing, ensuring accuracy.
- Enhanced user engagement through Twilio SMS alerts, offering proactive guidance during critical events.

Resume Formatter | *React.js, Tailwind.css*   August 2024 – September 2024

- Built a dynamic Resume Formatter allowing users to create, customize, and download professional resumes using React.
- Implemented a modular component structure in React, enhancing scalability and maintainability.

Country Progress Indicator Analysis | *Python, NumPy, Pandas*   September 2023 – November 2023

- Developed a data analysis script in Python to categorize and analyze country progress indicators using UNICEF's datasets.
- Automated data retrieval and transformation with Python, improving efficiency in handling large datasets.
- Collaborated with a team to structure a Python analytics project, ensuring adherence to coding standards.

Google Classroom Scraper | *Javascript*   May 2023 – June 2023

- Created a Google Classroom script to help teachers quickly filter late and resubmitted assignments.
- Utilized Google Apps Script and the Google Classroom REST API, showcasing skill in platform integration and task automation.