Jeffrey Wong

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Summary

Full-stack developer with experience in Python and React combining statistical machine learning expertise with scalable software engineering to deliver high-performance applications and innovative AI solutions.

Skills

- Languages: Python, Javascript, C#, SQL, HTML, CSS.
- Frameworks: Django, Flask, FastAPI, React
- Tools: Git, Node.js, MongoDB, PostgreSQL, Postman, AWS, Redis, Docker, Jenkins

Education

University of Toronto   Sept 2019 – Dec 2024
Honours Bachelor of Science in Statistical Machine Learning

Experience

AI Prompt Engineer, Outlier – Toronto, ON   June 2024 – Sep 2024

- Applied prompt engineering techniques to evaluate AI responses with curated feedback based on company guidelines to help complete AI training 10% faster.
- Generated creative AI prompts to train AI models to respond to unique situations, and helped improve the AI model's accuracy by 10%.

Software Developer Intern, Musical Moon – Toronto, ON   June 2022 – Aug 2022

- Engineered and deployed scalable features for a collaborative music platform using Django, React, and PostgreSQL, boosting user engagement and functionality.
- Integrated Google and Spotify Authentication for secure user authentication.

Software Developer Intern, NEEDSPOT – Toronto, ON   Aug 2022 - Sep 2022

- Delivered a talent matching system based on user preferences and skills to recommend applicants to companies using Python, Django, and React.
- Designed and launched a React/Django application-status dashboard, boosting transparency into candidate progress.

Software Development Engineer Intern, Koble – Toronto, ON   May 2022-Aug 2022

- Built a new rating feature for a concert ticketing platform using Python, FastAPI, and MongoDB, enabling users to submit and view event ratings.
- Used Redis caching to store data for popular events, reducing database load and improving average request latency.

Projects

AI Trading Card Generator   ygoAIcardGenerator

- Hosted a local website using **React** for users to generate a trading card based on text input.
- Used API **OpenAI** to generate visuals, names, attributes, and other card values.

Modified Tetris   jeffreywong05.github.io/

- Used Github pages to host a website using **React** and Tailwindcss for users to play Tetris on the browser.
- Developed an infinitely increasing difficulty alongside modified rules and controls to introduce new elements to the game.