

Jaimin Patel

(647) 746 1601 | jaimin.patel1601@gmail.com | [linkedin.com/in/jaiminpatel1601](https://www.linkedin.com/in/jaiminpatel1601) | jaiminpatel1601.github.io

Skills

Languages: Python, HTML, CSS, JavaScript, TypeScript, PHP, PostgreSQL, Java

Libraries/Frameworks: NumPy, Pandas, Matplotlib, SciPy, Scikit-Learn, React, NodeJS, Express, jQuery, Tkinter

Developer Tools: GitHub, Visual Studio IDE, MS Azure, Eclipse IDE, Docker, VMWare, Linux/Unix

Education

University of Toronto

Sept 2020 – May 2025 (expected)

Honours Bachelor of Science (H.B.Sc.) – Computer Science (Information Security) Specialist

- **Courses:** Machine Learning, Web Programming, Software Design, Data Structures and Algorithms Analysis, Software Tools and Systems Programming, Information Security
- **Certification:** BigQuery for Machine Learning (Google), Introduction to Large Language Model (Google)

Experience

Front End Developer Intern

May 2023 – Sept 2023

WebMobi Technologies Inc.

Toronto, ON

- Designed the front end of a **dynamic web application** using React and CSS to align with customer needs and the design team's specifications resulting in a **40% increase in user experience**.
- Executed **security and performance tests** and collaborated with a software quality assurance team while adhering to SDLC practices to debug and **optimize overall performance by 10%**.

Programming Instructor

June 2021 – Present

Ultimate Coders

Toronto, ON

- Instructed Python, Web Development, and Scratch to students in grades 1 to 10 with 1000+ hours spent.
- Adjusted the syllabi by introducing real-life applicable projects to **increase student engagement to 90%**.
- Led students to complete syllabi, providing personal attention to solidify understanding of fundamentals.

Digital Marketing Intern

July 2019 – Aug 2019

BrandEQ Group

Toronto, ON

- Managed a team of 3 and used HTML, CSS, and JavaScript, to develop a **responsive web application form**.
- Researched and designed 15+ social media content for clients using Canva, Pixlr, and Buffer.

Projects

ML Model - City Classifier | *Python, Matplotlib, NumPy, Pandas, Scikit-Learn, GitHub*

Apr 2024

- Analyzed and documented **4 Machine Learning models** to pick the best model to deploy for the hidden test data. Decided to go ahead with the **neural network** model and achieved **84% on the test set**.
- Trained **Random Forest Classifier** using scikit-learn and optimized hyperparameters using **Grid Search** to obtain **92% accuracy on the validation**.
- Performed **data exploration** and cleaning using NumPy to remove anomalies such as outliers in numerical values and non-ASCII characters from the text input feature.

Cybersecurity Chrome Extension | *React, JavaScript, Python, Firebase, Tailwind CSS, GitHub*

Feb 2024

- Developed **catPhish** Chrome extension using **React, Python, and JavaScript** to detect and report phishing scams, integrating **APIs** like **OpenAI** and **Google Safe Browsing** for enhanced security.
- Collaborated in a team of 4 to integrate multiple functionalities, demonstrating adaptability and resilience in navigating challenges.

Web Development Portfolio | *TypeScript, React, PHP, Express, NodeJS, REST API*

Sept 2023 – Apr 2024

- Engineered a stopwatch using **TypeScript** and **React** featuring start, stop, laps, and reset functionalities.
- Programmed cross-browser rock-paper-scissors game using **PHP** sessions to store and retrieve game states.
- Recreated Wordle (full stack): implemented **REST API** using NodeJS, Express, and JSON, database management using PostgreSQL, and front end using React to make the game multiplayer online.

Interests

Ultimate Frisbee | Cricket | Badminton | Soccer | Music | Chess | Reading | Meditation