

# RAJ PATEL

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## PROFILE SUMMARY

Dedicated fourth-year student pursuing a Computer Science degree with a focus on software, app, and web development. Eager to contribute to the tech environment, seeking an 8, 12, or 16-month internship starting in September 2024.

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## SKILLS

**Languages:** Python (numpy, pandas, sklearn, seaborn, TensorFlow, OpenCV), Java, C

**Web Development:** HTML, CSS, TailwindCSS, Javascript, ReactJS, TypeScript, NodeJS, ExpressJS

**Databases:** Firebase, MySQL, MongoDB

**Mobile App Development:** Flutter

**Dev Tools:** VS Code, GitHub, Eclipse, Jupyter, Anaconda, BlueJ, Postman

**Professional:** Communication, Teamwork, Leadership, Time Management, Creativity

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## EDUCATION

**Bachelor of Science in Computer Science (Smart Systems) (2021 - 2025)**

Memorial University of Newfoundland, St. John's, NL

**Awards:** Faculty of Science **Dean's List** 2022-2023

Current GPA - 3.66/4.0

**Related Courses:** Data Structures and Algorithm, Operating systems, Artificial Intelligence and Machine Learning, Visual Computing, Software Engineering

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## PROJECTS

**Can't Stop Board Game (Java, OOP, JUnit Testing, JSwing)**

[Source Code](#)

- Collaborated with 4 others to create a desktop game digitally replicating Can't Stop Board game.
- Designed the frontend, debugged the backend covering **500+** lines of code.

**Connect-4 AI Bot (Javascript, Algorithms)**

[Link](#)

- Designed an AI algorithm using MiniMax with Alpha Beta pruning to play Connect 4 game.

**Real-Time Chat Room App (MERN, TailwindCSS)**

[Source Code](#)

- Developed a real-time chat app to put knowledge of **WebSocket** to practical implementation using **Socket.io**, **Node.js**, **Express.js** with clear backend code being the focus.
- Built frontend using **ReactJS** and **DaisyUI** for an elegant frontend.
- Utilized **MongoDB** for storing chat messages and user data, ensuring efficient and reliable data management and **JWT** for authentication.

Other projects include - [Hand Gesture Recognition System](#) using python's **openCV** library for hand recognition and **Tensorflow** for Gesture Recognition and [Chain Reaction Game](#) app using **Flutter**.

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## EXPERIENCE

**Library Student Assistant**

**May 2023 - Present**

**Memorial University, St. John's, NL**

- Assisting students, organizing books, discarding old books for shredding, and keeping a welcoming learning atmosphere.

**Freelance Frontend Web Developer**

**Dec 2023 - Present**

- Designing and hosting responsive and visually appealing front-end interfaces using HTML, CSS, JavaScript, and ReactJS for clients.