Lushi Liu

FULL STACK DEVELOPER

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Summary

Recent Top Graduate of University of Toronto Statistics Program specializing in Machine Learning and Data Science with strong skills in NextJs, React and JavaScript. Proven ability in various computer science related skills with personal and academic projects. Eager to contribute to a dynamic web development team

Education

- **University of Toronto, BSc – Machine Learning and Data Science** (2015-2021)

  Relevant courses: Theory of Computing, Design and Analysis of Data Structures, Software Design, Algorithm Design and Analysis

- **JavaScript Mastery (2023-2024)**

  Skills acquired: Front-end, Back-end and Full-stack Web Development, MERN stack, Data Structures, Algorithms

Skills

- **Hard Skills:** NextJs, React, JavaScript, Python, C+, HTML, CSS, Tailwind, Redux, NodeJS, MySQL, MongoDB, Data Structures, Algorithms, Dynamic Programming, Databases, Networking, Object Orientated Programming, Web Development, Machine Learning, Data Science
- **Soft Skills:** Adaptable, Organized, Critical Problem Solver, Open Minded, Attention to Detail

Projects

- **Morrent – Car Rental Application:** Collaborated on a Team of 4 Developers and Designers to build intuitive interfaces and meet deadlines. Designed and executed a secure payment gateway integration using stripe
  Website: **https://www.lushiliu.com/casestudies/morrent**
- **HipNode – Social Media Platform:** A team-based social media platform designed to foster community engagement. Utilized a MERN stack for robust backend infrastructure, integrated real-time messaging using sockets, and employed NextAuth for secure user authentication
Website: https://www.lushiliu.com/casestudies/hipnode
- **MindLikes – Developer Forum:** A solo-developed platform tailored for developers, facilitating interactive discussions, Q&A sessions, and community engagement. Incorporated advanced search and filtering mechanisms integrated the OpenAI API for AI-generated responses and implemented a contribution and medal system to incentivize user participation.
  Website: https://www.lushiliu.com/casestudies/mindlikes
- **JobIt – Job Searching Application:** Integrated third-party APIs to populate the platform with real-time job listings from multiple sources. Optimized the application for mobile responsiveness, ensuring a consistent look and feel across various device sizes.