Minglun Shao

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SKILLS

Technical Skills: Javascript | Typescript | React.js | Next.js | Node.js | Express.js | Redux | Tailwind CSS | Python | Open CV | Github | Bootstrap | Java | Figma | GSAP | Firebase | Sass | HTML 5 | CSS 3 | Jira

WORK EXPERIENCE

Web Tech Organizer @ JAMHacks 8 2024: Sep. 2023 - Present

- Working as part of team to organize Canada's <u>largest in-person high school hackathon</u>
- Developing online portal where hackers will sign up, access resources and find teammates

Full Stack Developer | Director of Technology @ Ontario Competitive Math Committee: Jun. 2023 - Present

- Spearheaded migration of platform to Next JS to improve performance, user experience and SEO
- Designed and developed a student competition portal, facilitating resources to 400+ students across the country
- Leading a team of executives as a project manager to increase efficiency and quality of code

Robotics/Programming Coach @ Explorer Robotics: Mar. 2021 - Aug 2023

- Coached and led a team to the <u>international stage</u> of the WRO Robotics Competition
- Sparked a passion for technology through robotics and programming in 50+ students
- Curated lesson plans and taught essential robotics engineering/programming skills

President, Computer Science Club @ Donald A. Wilson SS   Nov. 2021 - Present

- Supervising and managing club activities, including preparations for the CCC, vex robots, and electronics
- Providing guidance, solutions and support to 90+ students

PROJECTS

OCMC Student Portal | [Live Demo](#)
NextJS | Node | Express | MongoDB | TailwindCSS
- Facilitated and organized scores and resources for 400+ students and proctors around the country
- Used industry level technologies such as NextJS to increase efficiency and reliability to users

Coffee Coach | Winning Submission @ Jamhacks 2023 | [Devpost | Github](#)
React | Auth0 | TailwindCSS | GPT API | Face API M.L. Model
- Sentiment analysis video chat app that streamlines and optimizes conversations in student-professional coffee chats
- Seamlessly integrated large language models and machine learning to support everyday conversation

Outfit Social | Winning Submission @ MLH Hack Battle 2023 | [Live Demo](#) | [Devpost](#)
React | Firebase | Auth0 | OpenMeteo API | TailwindCSS
- Social media app that focuses on providing outfits based on weather forecasts in your location

Dev Duels | Winning Submission @ Hack the Valley 2023 | [Devpost](#) | [Github](#)
NextJS | Github API | MongoDB | GPT API |
- Gamifying Github into a competitive multiplayer experience by ranking contributors by quality of contribution
- Flawlessly integrating Github API with artificial intelligence to improve coding practices and quality of code

EDUCATION

Donald A. Wilson SS (Grade 12), High School Education: Sept. 2020 - Jun. 2024

Standing Average: 97% (4.0 GPA)