Kevin Yu

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EDUCATION

Queen's University   **September 2020 - Present**

Bachelor of Applied Sciences & Engineering (Honors) – Computer Engineering

- Relevant Coursework: Data Structures & Algorithms, OOP, Discrete Math, Operating Systems,
- GPA: 3.7, 2x Dean's Honors List, Entrance Scholar

WORK EXPERIENCE

IVORY OMS | Co-Founder, Chief Technology Officer - ivoryoms.web.app   **May 2021 – Present**

Firebase, React, SASS, Node.js, Express, PM2, Linux

- Serviced 6+ clients across Southwestern Ontario, accumulating over $12,000+ in revenue through tailored Order Management Systems and business website developments
- Acquired $13,000 accelerator funding from Western University and the Ontario Summer Company program
- Developed a web-based OMS system to process orders on tablets & computers, increasing work efficiency by 300%
- Implemented remote order processing to a thermal printer which improved order processing by 75%
- Eliminated manual order-taking, which improved overall employee-work efficiency by 45%

QTMA | Frontend Developer - www.qtma.ca   **January 2022 – March 2022**

Nextjs, SASS, IFTTT

- Redesigned and developed a responsive website using Next.js to promote awareness and showcase the company
- Used Figma to prototype the website's UI and optimized image assets for better site performance
- Implemented email functionality into the site with IFTTT improving contact accessibility by 100%
- Embedded meta description tags throughout the site pages to improve SEO optimization by 70%

Nomad - Acquired by WISH STR Enterprises | Software Lead   **November 2021 – January 2022**

Agile, AWS, Node.js, React, MongoDB, Python, CSS

- Added mobile responsiveness using CSS to improve user experience and increase device accessibility by 100%
- Implemented JWT authorization which increased security and prevented expired session crashes by 100%
- Redesigned Cron Job feature to update daily house listing info, improving data statistic accuracy by 60%
- Managed a team of developers by organizing stand-up meetings and played the role of scrum master for the team

HACKATHONS

Minute Tutor | First Place Overall Winners - @ HackTo Sponsored by Amazon   **September 2022**

React, Flask, Redux, SQL, Python, Tailwind CSS, Framer Motion

- Developed a tutor and student matching platform that simplifies finding a qualified and convenient tutor online
- Implemented user profiles allowing tutors to update their skills and proficiencies to advertise their listings to students
- Incorporated real-time live updates for tutors to know when students are waiting to join their Zoom tutoring session

Cook Hack | First Place Winner for Hammer of the Gods Category Award – @ QHacks   **January 2022**

Firebase, React, Flask, Hammer of the Gods API, TensorFlow Lite

- Developed a recipe web app that allows users to keep track of grocery inventory using machine learning
- Integrated Hammer of the Gods API to use computer vision to identify different types of ingredients
- Designed the UI and implemented Firestore to store and query the different recipes from the database

SKILLS

- **Programming Languages/Frameworks:** C/C++, Java, JavaScript, TypeScript, React, Vue, Python, Flask, HTML, CSS, SASS, Node.js, Firebase, Express, MySQL, SQL, MongoDB, Cypress, Jester, Assembly, databases,
- **Technologies:** Arduino, Thermal Printers, ESP32, Linux, Git, GitHub, SSH, AWS, GCP, PowerShell, OpenSSL