Kevin Yu

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EDUCATION

Queen's University   Sept 2020 – May 2024

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

- GPA: 3.6 / 4.3, 3x Dean's Honors List, Entrance Scholar ($6000)

WORK EXPERIENCE

PwC | Software Engineering Intern   May 2023 – Sept 2023

Angular, .NET6, SQL Server, Azure DevOps, SASS, Figma

- Worked on a full-stack internal web application for file sharing, serving **7800+** PWC employees and clients
- Developed and enhanced UI pages and components while building **reusable services** to reduce code duplication
- Implemented user input and form **validation logic** using **Angular's Reactive Forms** improving user experience
- Designed **email templates** and **backend logic** for content translation aimed at email recipients, leveraging .NET 6
- Modified **post-deployment SQL scripts** for backend operations, ensuring seamless updates of **SQL Server database**

Distributive | Frontend Developer distributive.network   Jan 2023 – May 2023

React, TypeScript, SASS, Tailwind, Framer Motion, Google Analytics

- Executed the redesign of Distributive's website utilizing **React.js, Tailwind CSS,** and **Framer Motion.**
- Integrated **Google Analytics** into their recently launched website to analyze and assess web traffic outcomes.
- Coordinated **Agile-driven** website development efforts and supervised a team of two junior web developers.

Edmonton Unlimited | Data Analyst   Sept 2022 – May 2023

Python, Jupyter Notebook, Pandas, Scikit Learn, Matplotlib

- Worked on a non-profit initiative project to analyze characteristics that contribute to a city's global innovative ranking
- Researched factors that attributed to a city's innovation and performed **data collection** for those factors using **Excel**
- Implemented **linear regression models** on the **dataset** analyzing the **correlation coefficients** and **effect sizes**
- Prepared final presentation summarizing the results generated from the **optimized** machine learning models

Ivory OMS | *Co-Founder, Chief Technology Officer - ivoryoms.web.app*   May 2022 – Sept 2022

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

- Developed a **React** web-based OMS system for processing customers' requests, increasing work efficiency by ~30%
- Serviced 6+ clients accumulating over **$12,000+ in revenue** through software development and web-design
- Acquired **$13,000** accelerator funding from **Morrissette Accelerator** and the Ontario Summer Company Program
- Devised remote order processing with thermal printing using **Node.js**, resulting in enhanced order processing by 45%
- Developed crash and error reports using **Firebase**, enhancing system stability, and accelerating issue resolution

HACKATHONS

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

SKILLS

- **Languages:** JavaScript, TypeScript, HTML, CSS, Python, Java, C/C++, ARM Assembly, Bash, SQL
- **Frameworks/Libraries:** React, Angular, Vue, Node.js, Flask, .NET, SASS, Framer Motion, Tailwind, Bootstrap, Express, SQL Server, MongoDB, ESP32, REST APIs
- **Technologies/Software:** Figma, Postman, AWS, Firebase, Git, GitHub, Netlify, Arduino, Linux