

# Kevin Yu

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## EDUCATION

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### 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

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### PwC | Software Engineering Intern

May 2022 – Sept 2023

[Angular](#), [.NET6](#), [SQL](#), [Azure Dev Ops](#), [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 satisfaction
- Developed **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 database**

### Distributive | Frontend Developer [distributive.network](https://distributive.network)

Feb 2022 – 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

September 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 **machine learning 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](https://ivoryoms.web.app)

May 2021 – 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 Western University 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

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### 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

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- **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 Management Studio, MongoDB, Databases, ESP32, REST APIs
- **Technologies/Software:** Figma, Postman, AWS, Firebase, Git, GitHub, Netlify, Arduino, Linux