Kevin Yang

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EDUCATION

University of Western Ontario, London, Ontario
Honors Specialization in Computer Science + Minor in Software Engineering   *2019 - 2024*

- Relevant courses: Networking I, Network Security, Internet Algorithmics, AI I
- cGPA: 3.7/4.0
- Deans Honors List

SKILLS

- **Programming/Scripting Languages:** *Java, Python, C, C++, Assembly, SQL, R, JavaScript/TypeScript, CSS, HTML, Bash, Prolog, Scheme, LaTex, Julia, Cilk*
- **Frameworks/Libraries:** *React, JUnit5, Serenity BDD, Node.JS, Playwright, Flask, Regex, QT, Selenium, Cucumber, PyCryptodome*
- **Developer Tools:** *GIT, Unix/Linux, VS Code, IntelliJ, Eclipse, Rancher, Postman, MySQL Workbench, Figma, Gradle, Maven, IBM Cloud, IBM DB2, Jira, Android Studio, QT Creator, Apache*

EXPERIENCE

Automation Analyst Intern
J.D. Power, London, Ontario, May 2022 - August 2023 | **Java, Serenity, Selenium, SQL, TypeScript**

- Collaborated with an automation team to deploy an **automation suite** (primarily Java) to **test and validate** the complete functionality of an internal full stack product.
- Utilized tools to **automate manual testing** through validation of visual elements, complete testing of **Restful API endpoints**, and verification of data stores in multiple Microsoft SQL Server instances.
- Responsible for performing regression testing to validate new product versions.
- Awarded **QA Star Intern** for outstanding contributions to the automation suite and project as a whole.

PROJECTS

Chat Bot
Faculty of Education (UWO) | **JavaScript, React, Node.JS, MySQL**

- Working with the Faculty of Education to **improve their workflow** with potential inquiries.
- Creating a full-stack project to address questions and answers through a **chat bot**.
- Storing and analyzing data to provide **improved metrics**.
- Looking to utilize basic **machine learning** to improve language and keyword recognition.

GoContract
University of Western Ontario | **React, Node.JS, IBM Cloud, IBM DB2**

- Created a **full stack web application** that provides services to multiple users and contractors, primarily allowing users to book services from contractors and for contractors to provide invoices to their users.
- Utilized **IBM Cloud** for program deployment and **IBM DB2** to securely store hashed user and contractor details.
- Created **Restful API endpoints** to allow creation and deletion of invoice data.

HOBBIES

- Learning photography and exploring editing tools; **Website Showcase** | *PhotoShop, Gimp, SnapSeed*
- Learning and exploring video editing tools | *DiVinci Resolve 18*