KEVIN NI

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EDUCATION

Honours Bachelor of Science, University of Toronto   Sept 2021 - Expected Apr 2026
Computer Science Specialist, Statistics Major, Mathematics Minor

Relevant Coursework:

Theory and Analysis: Computer Organization, Algorithms Design and Analysis, Data Structures and Analysis, Numerical Methods.

Software and Programming: Software Design, Systems Tools and Programming, Operating Systems, Intro to Software Engineering.

Data Science and Statistics: Regression Analysis, Intro to AI, Intro to Statistical Learning, Intro to ML, Experimental Design, Intro to Databases.

SKILLS

Programming Languages	Python, Java, C, Javascript, HTML/CSS, R, RISC-V Assembly, Unix, SQL
Programming Tools	Git, TensorFlow, Sklearn, OpenCV, Flask, React, JavaFX, Linux, NumPy, Glmnet, Selenium, Pandas, JupyterHub
Other Skills	Fluent Mandarin, Office 365, LaTeX, Figma, UML, Agile Methods, Database Design, System Design

WORK EXPERIENCE

Incoming Canadian Equities Intern   April 2024 - April 2025
Bank of America Merrill Lynch   *Toronto, ON, Canada*

PROJECTS

Credable | *Hack the Valley 2022*   *Python, Flask, Sklearn, JavaScript*
- Built a Google Chrome extension that detects fake news and summarizes real news
- Created a RESTful API to detect webpages and determine if its a news article.
- Used a regression model trained using over 7500 articles to estimate authenticity.

StockThePast   *Java, JavaFX*
- Developed a stock market simulator that allows users to practive how to invest in the stock market.
- Lead and participated in weekly Scrum meetings in a group of 4 people.
- Used UML to create software designs that adhere to SOLID principles.

Portfolio Website   *JavaScript, HTML, React*
- Created a personal website that displays information about me.
- Researched, experimented and created designs using Figma.
- Created an interactive and dynamic webpage with animations using React.

ASLearn | *HackMIT 2022*   *Python, OpenCV, Tensorflow*
- Created a computer vision and machine learning tool that detects ASL letters with 80% accuracy.
- Developed image processing tools and trained a convolutional neural network using 85000 data points.
- Utilized computer vision and opencv to identify relevant hand gestures.

PokeCardtel | *DeerHacks 2024*   *Python, OpenCV, Tensorflow, Selenium, JavaScript, React*
- Built a react mobile application to identify PSA grades of pokemon cards with 90% accuracy.
- Web scrapped then preprocessed over 40000 points of data using computer vision for training, validation and testing.
- Built a neural network using VGG16 architecture and used transfer learning techniques to train the model.

COMMUNITY

Central Poll Supervisor   September 2021
Elections Canada   *Mississauga, ON, Canada*

- Managed 10 -15 other election workers under high stress environment.
- Organized the polling station and its workers for opening and closing.
- Ensured polling station integrity by having high attention to detail to election guidelines.
- Guided electors and addressed their complaints in a timely manner.

Warrant Officer 2nd Class   Sep 2016 - June 2021
Royal Canadian Air Cadets   *Vancouver, BC, Canada*

- Supervised and organized multi-day events and activities with over 30 cadets.
- Practiced effective communication and leadership techniques in a professional organization.
- Taught over 100 cadets in subjects such as goal setting, teamwork strategies, military tradition etc.

Shift Manager   Apr 2018 - Mar 2019
New York Fries   *Coquitlam, BC, Canada*

- Managed 2-3 other employees every shift under high stress environments.
- Efficient time management needed for managing food preparation, paperwork and team members.
- Completed financial paperwork for upper management with great attention to detail.
- Learned how to work as a team and communicate in a professional environment.

Operations Director   Nov 2022 - Present
UTM Computer Science Student Community   *Mississauga, ON, Canada*

- Lead a team of 9 students to organize events for the UTM CS community.
- Hosted workshops, orientations, and other events to stimulate interest in CS.
- Collaborated with other clubs to further student engagement and club participation.

Senior Analyst   Sep 2022- Present
UTM Capital Management   *Mississauga, ON, Canada*

- Used Bloomberg and Factset to research and analyze financial data.
- Created a multiple linear regression model that predicts future stock price.
- Presented findings at the annual stock competition with a 3rd place finish.