

Kevin Qu

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Technical Skills

Languages: Java, Python, JavaScript, C#, HTML/CSS, Dart/Flutter, Visual Basic, C++, MATLAB
Frameworks: React.js, Node.js, Express.js, Phaser.js, Discord.js, Dart/Flutter, AngularJS
Tools: Jira, Git, ASP.NET, Postman, WordPress, MAMP, Magento, Drupal

Education

University of Toronto Sept 2021 – Present
BASc, Engineering Science
Average Grade: 93.3%
cGPA: 3.78/4.0

Professional Experience

UofT Machine Intelligence Student Team University of Toronto, Toronto, ON Sept 2021 - Present

ML Project Developer (utmist.gitlab.io/projects/employeeattrition)

- Develop employee attrition prediction model, based on workplace data using SVM model and Python
- Scope and define project together with team members
- Coordinate work with upper years in weekly meetings

Idea Notion (<https://ideanotion.net/>) Markham, ON Jun 2021 – Aug 2021

Software Engineer Intern

- Developed C# console apps and Node.js scripts to build custom poster images and manage file directories
- Built webpages using HTML/CSS, JQuery, PHP and WordPress (ourposter.com/product/custom-city-map)
- Automated manual image editing with Python Pillow library (dealerai.com)

Brain Power (<https://brain-power.com/>) Cambridge, MA, USA Jun 2020 – Aug 2020

Full Stack Developer Intern

- Developed Google Glass app to assist children with learning disabilities (brain-power.com/empowered-brain)
- Built website using React and Angular
- Assisted in product planning, attended weekly Agile meetings, wrote Confluence pages and Jira Tickets

Treefrog Inc. (<https://www.treefrog.ca/>) Newmarket, ON Aug 2018 – Jun 2020

Programmer Intern

- Website development using development platforms like WordPress, Magento, Drupal, Treefrog LEAP
- Web testing and QA automation using JMeter and Postman, manual mobile testing
- Worked directly with senior developer and project managers

Spirit of Math Aurora, ON

Assistant Teacher

Sept 2017 – Jun 2021

- Moderated classroom discussions and acted as an in-class tutor to students to resolve challenging problems
- Communicated with parents, students, and teachers after class hours

Honors & Awards

Schulich Leader Scholarship (\$100K) (<https://www.schulichleaders.com/kevin-qu>) 2021
\$100,000 award to 50 outstanding engineering students at 20 universities across all Canada

Professional Engineers Ontario (PEO) York Chapter Engineering Entrance Scholarship 2021
Awarded to 3 outstanding high school students in York Region entering an engineering program

National Book Award 2021
Awarded to top student at each Canadian high school by University of Toronto

Projects

Neurologue <https://devpost.com/software/neurologue> August 2020

- Hack the Northeast 2020 Best Game 2nd place Winner
- EEG (Brain Computer Interface)-Controlled game using Phaser.js

DialekTech <https://devpost.com/software/note-js-wcmbkh> May 2020

- TOHacks 2020 DCP Runner-up Award
- Web-based audio processing education application using Node.js, MongoDB, Google Cloud API

SmartFit <https://devpost.com/software/smartfit-h9kxeg> January 2020

- UofTHacks VII Best Use of Voiceflow Award
- Google Assistant workout app using Voiceflow, Vanilla JavaScript, Google Dialogflow