

# 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, 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**  
• 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**  
• Developed backend C# console apps, Node.js scripts  
• Automated manual image editing with Python Pillow library  
• Built frontend webpages using HTML, CSS / SASS, JQuery, PHP and WordPress

**Brain Power** (<https://brain-power.com/>) Cambridge, MA, USA (working remotely) Jun 2020 – Aug 2020  
**Full Stack Developer Intern**  
• Programmed apps powered by AI and Google Glass to assist children with learning disabilities  
• Built website using React and Angular  
• Assisted in product planning and attended weekly Agile meetings

**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  
• 1-on-1 to 1-on-3 tutoring

## 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 2<sup>nd</sup> 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