Kevin Qu

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Education

University of Toronto – Engineering Science   2021-2025
- Schulich Leaders Scholarship, valued at $100,000 (For top STEM students in Canada)
- U of T National Book Award (For the best student in each high school)
- Entrance grades: AP Computer Science: 99%, AP Calculus Part I: 99%, AP Calculus Part II: 100%, Physics: 97%, Chemistry: 97%

Skills and Technologies

Programming	Java, Dart/Flutter, JavaScript, C++, HTML/CSS, Python, React, Node.js, MapBox GL JS, C#, Phaser.js, VB, Turing, PHP, SQL, AngularJS
Tools	Github, Gitlab, Git Bash, MAMP, Magento, Wordpress, Postman, JMeter, Drupal, Voiceflow, Google Dialogflow, Mailchimp, Firebase, LEAP

Professional Experience

Software Engineer Intern – IdeaNotion (ideanotion.net)   June 2021 – Aug 2021
- Worked with CEO and senior developers
- Frontend web development using HTML/CSS (Sass), JS (JQuery), WordPress (PHP)
- Node.js scripts and built .NET core console apps using C#
- Automated manual tasks using Python's Pillow library for image editing

Full-Stack Developer – Brain Power (brain-power.com)   June 2020 – Aug 2020
- Programmed Google Glass apps for autistic children with product deployment across the US
- Worked with CEO and Project Managers on product design and planning
- Migrated website from Angular to React, made Chrome Extensions

Junior Web Developer – Canada2DCode (www.canada2d.com)   May 2020-Sept 2020
- Website and database development using AngularJS, HTML/CSS, PHP and SQL
- Worked with CEO and Senior Developers on main website and websites for real estate client
- Communicated in regular meetings using both English and Mandarin

Programmer Intern – Treefrog Inc. (www.treefrog.ca)   August 2018 – September 2020
- Web dev using JavaScript, PHP, Drupal, HTML/CSS, Bootstrap, WordPress and Magento
- Quality assurance of applications and corporate-level projects using JMeter and Postman
- Worked with Senior Developer and Project Manager on programming and planning websites

Projects

DialekTech https://devpost.com/software/note-js-wcmbkh (TOHacks)   May 2020
- TOHacks 2020 DCP Runner-up Award
- Made an application that processes video lessons to make studying more efficient
- Used Google Cloud, Express.js, HTML/CSS and DCP

Neurologue https://devpost.com/software/neurologue (Hack the Northeast)   August 2020
- Hack the Northeast Gaming Award 2nd place
- Choose-your-own-adventure game controlled by a brain-computer interface
- Used Phaser.js and socket.io

SmartFit https://devpost.com/software/smartfit-h9kxeg (UofTHacks)   Jan 2020
- UofTHacks Best use of Voiceflow Award
- Voice-controlled fitness app to manage workouts
- Used Voiceflow and Google Dialogflow

Volunteer Experience

President – Computer Science Club   Oct 2018 – June 2021
- President and founder of the Computer Science club at Dr. G. W. Williams S.S. (2018 - 2019) and Newmarket H.S. (2019 – 2021)
- Teach students how to program in Java to compete in the CCC
- Hosted a hackathon, and organized members to participate in other hackathons

Founder and President – Newmarket Youth Leadership Group   Apr 2019 – Sept 2021
- Organized youth-driven activities, including hackathon, fundraisers, basketball tournament and winter carnival
- Events regularly have over 100 participants and fundraisers have raised over $1000

Extracurriculars

Jul 2019	**SHAD Fellow at the University of Calgary** (www.shad.ca, Shad Canada is a STEM program for exceptional high school students)
2020	**University of Toronto Math Mentorship Program** (Math research with Professors and PhD students)
2019-2020	**VEX Robotics Team Member** – Co-captain (55518A), neighbourhood team
2019-2020	**FRC School Team Member at Newmarket HS** – Electrical (7614)
Dec 2019	**Major League Hacking Local Hack Day Host** – Newmarket Hack Day

Awards

2021	• Schulich Leader Scholar at U of T and McGill (not taken) ($100,000 scholarship for STEM students, https://www.schulichleaders.com/kevin-qu) • U of T National Book Award (Best student in each school) • Newmarket-Tay Power Distribution Community Service Award • Bogart Memorial Scholarship • Rene Descartes National Math Scholarship at UWaterloo ($20,000 scholarship for Computer Science and Computer Science/BBA) • Canadian Computing Contest Senior Division Certificate of Distinction (Java) • Euclid Math Contest Honour Roll • American Invitational Math Exam Qualifier (Top 5% on AMC12) • Canadian Open Math Contest SW Ontario Grade 12 Honour Roll
2020	• Canadian Computing Contest Senior Division Certificate of Distinction (Java) • Voiceflow Winning Award – UofTHacks VII (https://uofthacks.com/) • 2nd Best Game – Hack the Northeast (https://www.hackthenortheast.com/) • Canadian Open Math Contest Central Ontario Grade 11 Honour Roll • Ontario's VEX Provincial Championship Qualifier • AP National Scholar (Canada) and AP Distinction Award
2019	• SHAD Canada - Best Prototype Award • Honour rolls and school medal in University of Waterloo math contests, Certificate of Distinction in COMC

Interests

Fishing, Camping, Ecology, Marine Biology, History, NHL Hockey, International Soccer, NBA Basketball, Engineering