



# Kevin (Qiwen) Lin


## Computer Engineer

[Portfolio Website](#)

Internship time frame:  
May 2022 – Sept 2022

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 Ontario

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## SKILLS

### Technical:

C++/C, Python, HTML, CSS,  
JS, R, SQL, React framework

### Design

Model-View-Controller,  
Domain Driven Design,  
Factory Mode

### Tools

Office, Eclipse, JetBrains,  
Linux

## EDUCATION

### Candidate for Bachelor of Computer Engineering

University of Waterloo, Canada

1<sup>st</sup> year GPA: 3.9/4.0

2020.09 – 2025.04

## AWARDS

### Regional Tournament Finalist – VEX Robotics

OCT 2019

[Google Data Analytics  
Certificate](#)

OCT 2021

## QUALIFICATIONS

- Proficient in development under Linux, Windows, and Mac
- Strong interest in data, communication technology, finance, and product development
- Able to work under tight schedule, high pressure, consistently
- Self-Motivated, Quick Learner, Open Mindset

## EXPERIENCE

### Embedded Developer Intern

*Ruijie Networks, Fuzhou, Fujian, China / Jan 2021 – Apr 2021*

- Development of 5G Core Network functionalities
- Solution Implementation and Debugging of 5GC UPF redirect function with Cisco VPP engine
- Writing of formal software design proposal with complete design evaluation procedure
- Solution functionality verification with python automation
- Designed and completed a packet sending python script

### Google Data Analytics Certificate

*Coursera, Online / August 2021 – November 2021*

- Completed a 6-month job-ready Google Career Certificate training in 2-month time
- Demonstrated hands-on experience with data cleaning, manipulation, project management, understanding and communicating the findings from data.
- Capable of transforming complex data into clear, understandable, and feasible insights

### Founder and CTO

*VEX Robotics Private Team 16818X, Toronto, Canada / Apr 2019 – Mar 2020*

- VEX Solution Design, Hardware Implementation, Software Development, Robotics function verification with hardware and software
- Competition optimization, Algorithm design and deployment for 15s autonomous period
- Lead and mentor team members, which resulted in finishing with 2<sup>nd</sup> place out of 72 teams at the VEX regional tournament and qualifying for the VEX Ontario provincial tournament

### Projects

- Personal portfolio website with responsive elements and effects, HTML / CSS / JavaScript / React
- Minesweeper in C++ with effective algorithm, memory allocation and usage.
- Light weight account balance check simulation system, C++, efficient memory management,