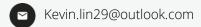
Kevin (Qiwen) Lin

Computer Engineer

Portfolio Website

Internship time frame: May 2022 – Sept 2022



+1(647)986-0056

Ontario

in linkedin.com/in/qwlin

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 1st 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 2nd 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,