KEVIN LIANG

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PROFILE

Passionate, achievement-driven, and result-orientated engineering student with a strong interest in Software Engineering. Currently looking for an internship or research opportunity that utilizes robust design, analysis, and problem-solving skills.

EDUCATION

Bachelor of Applied Science in Mathematics and Engineering, Queen's University, Kingston, ON   **Sep 2020 – Present**
- **Option in Systems and Robotics**: Designed for Mathematics and Engineering students who wish to pursuit further studies in Systems Engineering, Mechatronics, and Robotics
- Excellence Entrance Scholarship 2020 (90%+ entrance average)

Ontario Secondary School Diploma, Pierre Elliott Trudeau High School, Markham, ON   **Sep 2016 – Jun 2020**
- Academic Honour Roll for grades 9, 10, 11, and 12
- Ontario Academic Scholar

RELEVANT EXPERIENCE

Robotics Engineer – Special Projects, WizRobotics, Richmond Hill, ON   **May 2021 – Aug 2021**
- Developed multiple teaching curriculums for Thunkable, Code.org, Roblox Lua, and App Inventor
- Created assets and recorded advertisement videos for the marketing team
- Acquired work experience while developing leadership, teamwork, and time management skills

Queen's Hyperloop Design Team Year Representative, Queen's University, Kingston, ON   **Sep 2020 – Present**
- Worked with other technical members to build the chassis for a competition-ready hyperloop pod
- Created marketing materials and managed the team website using Squarespace
- Established effective discipline, adaptability, and self-initiative skills through a competitive team environment

Queen's Space Engineering Satellite Team General Member, Queen's University, Kingston, ON   **Sep 2020 – Apr 2021**
- Attended Space School, a comprehensive four-month beginner course hosted by executive members on the satellite team
- Designed and 3D modelled a CubeSat chassis using Autodesk AutoCAD to help prepare for exposure into larger projects
- Developed teamwork, communication, time management, and critical thinking skills throughout the duration of the course

Engineering Society Year Representative, Queen's University, Kingston, ON   **Oct 2020 – Apr 2021**
- Elected by first-year engineering students to represent them in the Engineering Society of Queen's University
- Duties include building a WordPress website and voting in Engineering Society motions
- Gained teamwork, communication, active listening, and problem-solving skills as an elected member

TECHNICAL KNOWLEDGE

- Extensive knowledge of MATLAB, C++, C, Arduino, Java, HTML/CSS, JavaScript, and Front-End Web Development
- Advanced understanding of Windows Operating System, Microsoft Office Apps, and Adobe Creative Cloud Apps
- Practical experience in Computer-Aided Design, Soldering, and Arduino Hardware

ADDITIONAL INFORMATION

- **Languages:** Mandarin (Native), English (Native)
- **Extracurriculars:** Queen's Hyperloop Design Team, Queen's Space Engineering Team, Engineering Society, Queen's Technology and Media Association
- **GitHub:** https://github.com/Sanbroh
- **Devpost:** https://devpost.com/Sanbroh