# DAVID LIU

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## 💼 EXPERIENCE

**IT Support & Quality Assurance — Pillar to Post**

*January 2021 - April 2021*

Increased testing efficiency by **30%** by introducing and implementing automated unit testing with **Python Selenium**

Created an interactive video course to teach the basics of **Salesforce** and document daily workflows of the IT Team, decreasing onboarding time by **a week**

Developed and iterated through smoke and regression test scripts throughout releases to ensure successful deployments of the company's web and mobile applications

Constructed detailed tickets within **MS Azure** to verify fixes and log new bugs maintaining clear communication with developers and preserving a smooth Software Development Lifecycle

## ⌨ PROJECTS

**CoRunna — TOHacks 2021**

Built a web app using **React**, **Node** and the **Google Maps API** to map the safest and most socially distant route for users

**DOJO — Hack the North 2021**

Developed a video calling web application where users can share skills with one another using **React** and **Node**, leveraging the **Vonage API**

**Culture App — Hack Attack 2020**

Prototyped a responsive **Figma** wireframe for an experience where users can explore the various cultures of the world and make meaningful global connections

## 🤝 Volunteer Experiences

**President — AYJ Student Council**

*Sept 2019 - Jun 2020*

Directed a council running weekly events to bolster school spirit; including semi-formal and homecoming for 1500 students

**Co-founder — AYJ Engineers Without Borders**

*Sept 2019 - Jun 2020*

Orchestrated weekly discussions and workshops to introduce students to engineering in order to address root causes of global poverty and inequality in areas of need

## <> SKILLS

**Languages**
C/C++, HTML, CSS, Java, JavaScript, Python, SQL

**Frameworks**
React, Express

**Technologies**
Node, Figma, Git, Adobe Creative Suite, Azure, Salesforce, Selenium, MongoDB, Linux

## 🎓 EDUCATION

**University of Waterloo**
*2020 - 2025*
Candidate for BASc,
Systems Design Engineering

## 🏆 AWARDS

**University of Waterloo**
President's Scholarship

**A Y Jackson S.S.**
*Graduate Honour Award*
Awarded to student with the greatest positive impact on academic and social life

*Principal's Award for Leadership*

*SAC F.C. Lively Award*
Dedication to leading the Student Council

**DECA Ontario**
HLM Provincial Champion, ICDC Qualifier 2020

**TDSAA**
Swim city finalist — 2016 - 2020
Badminton, Table Tennis Regional Champions - 2019

## 🎵 INTERESTS

Swimming, badminton, photography, guitar, gaming, drink engineering