DAVID LIU

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⚙ https://github.com/d282liu

💼 EXPERIENCE

Pillar to Post - IT Support & Quality Assurance

January 2021 - Present

Designed, developed and iterated through smoke and regression test scripts before, during and after releases and deployments of the company web and mobile applications

Ensured a smooth SDLC by maintaining clear communication with developers within Azure DevOps. Logged detailed write ups to verify fixes, or log new bugs found in investigations. Used Salesforce to perform IT tasks.

Implemented the use of the Python Selenium testing framework to introduce automated unit testing, increasing effiency of smoke and regression testing by 30%.

Created an interactive video course to document the daily responsibilities and tasks of the IT Team. Decreased the time taken to onboard new team members by 40%

AYJ Student Council - President

September 2019 - June 2020

Led a council to run weekly events to bolster school spirit
Organized semi-formal and homecoming for 1500 students

AYJ Engineers Without Borders - Co-founder

September 2019 - June 2020

Ochestrated weekly discussions and workshops to introduce students to engineering in order to adress root causes of global poverty and inequality in areas of need
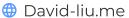
⌨ PROJECTS

CoRunna - TOHacks 2021

Built a web app using React and Node.js with the Google Maps API to map out the safest and most socially distant route for users

DOJO - Hack the North 2021

Worked in a team to develop a video calling web application where users can share skills with one another
Built with React, HTML and CSS, leveraging the Vonage API

Culture App - Hack Attack 2020

Prototyped an experience for useres to explore the various cultures of the world and make meaningful global connections
Built using Figma

‹› SKILLS

Languages: C/C++, Java, Javascript, HTML/ CSS, Python, SQL
Frameworks: React, Node, Express
Tools: Figma, Github, VSCode, Adobe Creative Suite, Azure DevOps, Salesforce, MongoDB

🎓 EDUCATION

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

Average of 93%

A Y Jackson S.S.
September 2016 - June 2020
Gifted Program

🏆 AWARDS

University of Waterloo
President's Scholarship

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

Principal's Award

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, mixing drinks