

CONTACT



zhast.github.io



github.com/zhast



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(647) 549-0619

SKILLS

Programming Languages

C · C++ · Python · Java

JavaScript · HTML/CSS

Software Tools & Systems

Linux/UNIX environments

BASH · Git

Simulation & CAD

Fusion360 · MATLAB

Photoshop · Final Cut Pro

EDUCATION

University of Toronto

B.ASc., Computer Engineering

September 2019 – Present

SCHOLARSHIPS & AWARDS

University of Toronto

Engineering Admission Scholarship

Edward S Rogers Sr. Scholarship

PennApps Retro XVII

Capital One Best Financial Hack

Hack the North 2018

Consensus Metamask API Prize

CNE Innovation Garage 2017

Top 3 FinTech Emerging Innovator

STEVEN Z. ZHANG

UofT | Computer Engineering | 2019 - 2023

PROFESSIONAL

Livelihood

Project Inc.

Summers

2017 & 2018

Digital Technology Lead

- Modernize website, balancing functionality and modern design
- Increase web traffic by 25x through SEO optimization
- Lead expansion of networked food-delivery programs
- Integrate organization with Google for Nonprofits, obtaining \$10,000 monthly in complimentary advertising

EXTRACURRICULAR

UofT

Hyperloop

Team (UTHT)

2020 (Current)

Levitation and Propulsion Subsystems Team

- Research a proprietary linear induction motor to propel the team's hyperloop pod
- Develop efficient magnetic-levitation system to reduce friction and wasted energy
- Coordinate manufacturing and testing of new systems for the 2020 SpaceX Hyperloop competition

UofT Robotics

Association

(UTRA)

2019 to Current

SUMO Autonomous Robot Design Team

- Develop a mini-sumo-bot from scratch to compete in a robotic sumo wrestling competition
- Program Arduino microcontroller in C language to maximize the power, speed, and stability of the robot
- Use input from ultrasonic and light sensors to write a program that lets the robot compete autonomously

MoneySmarts

Organization

2017 to 2019

Co-Founder and Chief Technology Officer

- Progress through DMZ Basecamp, a startup accelerator with industry-leading mentors and professionals
- Develop Facebook Messenger integrated chatbot with natural language processing
- Win Innovation Catalyst Award at SAGE Canada out of 12 finalist teams and 100+ applicants
- Obtain runner-up award in CNE Innovation Garage pitch competition out of 100+ teams

VOLUNTEERING

Toronto

Hacker

Club

2017 to 2018

Events and Logistics Coordinator

- Run logistics for events attracting sponsorship from startups and industry leaders
- Spearhead 3-day hackathon event attracting 300+ students
- Promote STEM education throughout the GTA