

## 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

Edward S Rogers Sr. Scholarship

Engineering Admission Scholarship

### PennApps Retro XVII

Capital One Best Financial Hack

### Hack the North 2018

Consensys Metamask API Prize

### CNE Innovation Garage 2017

Top 3 FinTech Emerging Innovator

# STEVEN Z.

## B.ASc., Computer Engineering

## 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 monthly \$10,000 in complimentary advertising

## EXTRACURRICULAR

### UofT Hyperloop Team (UTHT)

2020 (Current)

### Levitation and Propulsion Subsystems Team

- Research a proprietary linear induction motor to propel the hyperloop pod
- Develop efficient magnetic-levitation system to reduce friction and wasted energy
- Coordinate manufacturing and testing of new systems for in 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

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