CONTACT

- in/steven-zifan-zhang/
- zhast.github.io
- github.com/zhast
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- (647) 549-0619

EDUCATION

University of Toronto

B.A.Sc., Computer Engineering

Second Year, 2019 – 2023 + PEY

SCHOLARSHIPS & AWARDS

University of Toronto

Engineering Admission Scholarship

Edward S Rogers Sr. Scholarship

NewHacks 2020

Best Domain.com Website Prize

PennApps Retro XVII

Capital One Best Financial Prize

Hack the North 2018

Consensys Metamask API Prize

SKILLS

C · C++ · Python · Java

PostgreSQL· HTML/CSS

Linux/UNIX environments

BASH · Git

Fusion360 · MATLAB

Photoshop · Final Cut Pro

STEVEN Z. ZHANG

University of Toronto | Computer Engineering | 2023

PROFESSIONAL

Orkestra SCS
May – Aug 2020

Junior Software Engineer

- Lead carbon-offset program to calculate clients' carbon-emissions based on supply chain data
- Architected schema for PostgreSQL relational database to manage supply chain tracking
- Wrote Azure Functions to automate EDI through spreadsheet parsing and Pandas DataFrame
- Scraped major vessel carriers with Selenium and BeautifulSoup to obtain real-time tracking updates

Livelihood Proiect Inc.
May - Aug 2017
May - Aug 2018

Digital Technology Lead

- Created a modern website that balanced functionality and modern design practices
- Increased web traffic by 25x through SEO
- Lead enrollment of online food-delivery programs
- Integrated organization with Google for Nonprofits, granting $10,000 in monthly advertising credits

EXTRACURRICULAR

UofT Hyperloop Team (UTHT)
Jan 2020 - Now

Levitation and Propulsion Subsystems Team

- Researching a proprietary linear induction motor to propel the team's hyperloop pod
- Developing an efficient magnetic-levitation system to reduce friction and wasted energy
- Coordinating the manufacturing and testing of new systems for the 2021 European Hyperloop Week demonstration

UofT Robotics Association (UTRA)
Sept 2019 - May 2020

SUMO Autonomous Robot Design Team

- Developed a mini-sumo-bot from scratch to compete in a robot wrestling competition
- Programmed Arduino microcontroller in C language to optimize the power, speed, and stability of the robot
- Used input from ultrasonic and light sensors to allow the robot to adapt and compete autonomously

MoneySmarts Org.
Sept 2017 - June 2019

Co-Founder and Chief Technology Officer

- Completed DMZ Basecamp, a startup accelerator with industry-leading mentors and professionals
- Developed Facebook Messenger integrated chatbot with natural language processing
- Won 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