Steven Z. Zhang

University of Toronto | Computer Engineering | 2023

CONTACT

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EDUCATION

University of Toronto

B.A.Sc., Computer Engineering

Third Year, 2019 – 2023 + PEY

SCHOLARSHIPS & AWARDS

University of Toronto
Edward S Rogers Sr. Scholarship
Engineering Admission 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++ · ARM Assembly

Python · Java

MATLAB · PostgreSQL

HTML/CSS · React

BASH · Git

Agile · Scrum

Jira · Confluence

Fusion360 · Photoshop

Final Cut Pro

PROFESSIONAL

Orkestra SCS
May – Aug 2020
May – Aug 2021

Junior Software Engineer
- Built enterprise-grade data integrations into external client platforms
- Lead carbon-offset program to calculate carbon footprint based on supply chain emissions
- Wrote ETL Azure Functions in Python to extract and parse data
- Completed DevOps tasks to maintain cloud platform on Azure

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

Digital Technology Lead
- Created a new website featuring modern design trends
- Increased web traffic by 24x through SEO
- Lead enrollment of online food-delivery programs
- Integrated organization with Google for Nonprofits, granting $10,000 in monthly advertising funds

EXTRACURRICULAR

UofT Hyperloop Team (UTHT)
Jan 2020 - Now

Levitation and Propulsion 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

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 robot's performance
- Used input from ultrasonic and light sensors to allow the robot to compete autonomously

MoneySmarts Organization
Sept 2017 - June 2019

Co-Founder
- Completed DMZ Basecamp, a startup accelerator with industry-leading professionals
- Grew team to over 30 passionate students across the GTA
- Developed Facebook Messenger chatbot with natural language processing libraries
- Won Innovation Catalyst Award at the SAGE Canada competition out of 12 finalist teams and 100+ applicants
- Won 2nd Place award at the CNE Innovation Garage competition out of 100+ teams