

TIANYI ZHENG

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EDUCATIONS

Georgia Institute of Technology

Atlanta, Georgia

Master of Science in Electrical & Computer Engineering

Aug 2017 - May 2019

Concentration in Software Engineering

- GPA: 4.00/4.00

Georgia Institute of Technology

Atlanta, Georgia

Bachelor of Science in Mechanical Engineering

Aug 2013 - May 2017

Concentration in Automation & Robotics

EXPERIENCES

SAP

Atlanta, Georgia

Software Developer Intern

May 2018 - Nov 2018

- Delivered a microservice that facilitates application configuration for customers
- Contributed to feature development, QA and DevOps in a test driven agile environment
- Achieved data integrity, security and CDT (customer data termination) compliance across data centers
- Introduced a centralized service with HMAC auth to create global and private cloud accessibility
- Developed automated smoke/integration tests and deployment scripts
- Java, Spring, MongoDB, SaaS, CloudFoundry, SoapUI, Javascript and Maven

Muyu Technology

Beijing, China

Lead Mechanical Engineering Intern

May 2017 - Aug 2017

- Managed team of 4 and delivered a market ready first-generation product in a startup company

Sulchek Lab

Atlanta, Georgia

Research Intern

May 2015 - May 2016

- Data analysis, model fitting and control algorithm development on an Atomic Force Microscope
- Automated data collection and improved performance by 30%

PROJECTS

Faceology

- Facial recognition meets networking on iOS using Swift, Python, iOS Vision, Flask and LinkedIn

Trailblazer

- Opinionated biking trail finding/recommendation system using Python, Django and MongoDB

Fhirnet

- Patient mortality prediction tool in collaboration with SUN lab using Flask, Docker and PostgreSQL

SimpleWallpaper

- Dynamically changes wallpaper based on time of day with cloud storage using Python and OpenCV

SKILLS

Python, Java, C, Swift, Matlab, Javascript, Git, Spring, Django, Flask, PostgreSQL, MongoDB, Docker, CloudFoundry, AWS, Maven, SoapUI, iOS, Unix