

TIANYI ZHENG

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EDUCATIONS

Georgia Institute of Technology

Atlanta, Georgia

Master of Science in 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 Robotics

- GPA: 3.72/4.00

EXPERIENCES

SAP

Atlanta, Georgia

Software Developer Intern

May 2018 - Present

- Contributed to a microservice which performs mobile app configuration retrieval for customers
- Duties included feature development, QA and DevOps in a test driven agile environment
- Built services to generate, store and retrieve GUID/config data and ensured integrity and GDPR compliance across data centers using Spring and MongoDB
- Integrated new features into other applications using Javascript and SAPUI5
- Created deployment scripts for new service brokers and instances using Maven
- Developed automated smoke/integration tests using SoapUI and hooked into Jenkins jobs

Muyu Technology

Beijing, China

Head Mechanical Engineering Intern

May 2017 - Aug 2017

- Led team of 4 in prototype design and testing. Handled BOM maintenance and product demos

Sulcheck Lab

Atlanta, Georgia

Research Intern

May 2015 - May 2016

- Data analysis and model fitting on digital signals collected on an Atomic Force Microscope using Igor Pro

PROJECTS

Faceology

- An iOS networking app with facial matching abilities using Swift, Python, iOS Vision and Flask
- Leveraged LinkedIn framework for authentications. Achieved real time response handling and UI change

Trailblazer

- Opinionated biking trail recommendation web app using Python, Django, MongoDB

Fhirnet

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

SKILLS

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