

TIMOTHY XU

3897 Fort Trail NE • Roswell, Georgia 30075 • (678) 727-2396 • tim.xu67@gmail.com • U.S. Citizen

github.com/timshoe • linkedin.com/in/timshoe

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Bachelor of Science in Computer Science

Atlanta, GA

Aug 2016 - May 2020

GPA: 3.85/4.0

- Relevant coursework: Intro to Programming, Software Development, Systems Programming, Discrete Mathematics, Theory of Computing, Linear Algebra, Data Structures, Objects & Design
- Zell Miller/HOPE Scholarship Recipient, Presidential Scholar, Dean's List

EXPERIENCE

GEORGIA TECH COLLEGE OF COMPUTING

Student Assistant

Atlanta, GA

May 2018 – Present

- Aided the College of Computing faculty in the handling of lecture material, office equipment, and technology
- Managed over \$10,000 worth of computing hardware on a daily basis

EXTRACURRICULAR ACTIVITIES

ASSOCIATION OF COMPUTING MACHINERY

Officer, Corporate Outreach

Athens, GA

Jan 2017 – May 2018

- Tasked as an officer with reaching out to companies, creating networking events, and finding sponsors. All with the goal of improving the CS community at UGA
- Helps organize and lead a club of over 200 people and manage over \$2200 of funds

CLUB ULTIMATE FRISBEE

Vice Captain

Athens, GA

Aug 2017 – May 2018

- Managed the Fall 2017 team funds and invested \$1000 into jerseys, equipment, and tournament dues
- Coaches and develops new club members on throwing, fitness, teamwork, and discipline

ENGINEERS WITHOUT BORDERS

Volunteer

Athens, GA

Nov 2017 – May 2018

- Designs and provides sustainable solutions for a disadvantaged community to promote environmentally conscious activity
- Currently working to provide an irrigation system and solar panels for a local farm

PROJECTS

HUNGRY HELPER

Spring 2018

- Google Home application that interprets the menus on the UGA's Build Your Plate website and parses for matching keywords based on type of food and phrases said. Tells you what's for breakfast or if a food you want is at the dining hall.
- Built and collaborated with at UGHacks with Actions on Google, DialogueFlow, and JSON.

LANGUAGE AI

Summer 2017

- Created a chatbot to simulate human conversation. Rewrote a language learning AI from scratch using an algorithm to store recognized phrases and links leading to machine learning.
- Built with Java and trained with text files of phrases and scanner inputs. Collaborated on with a partner in a Git repository

TIMFACTS

Spring 2017

- iOS app that outputs scenes of random fun facts and images about myself with each press of a button
- Solo project built with Swift and XCode to learn functional programming and iOS development

SKILLS/INTERESTS

Programming Languages:	Java, C++, iOS, Git, Swift, JavaFX, JUnit
Operating Systems:	Unix, Linux, Windows XP/7/10, MacOS,
Software/Environments:	Microsoft Office, Eclipse, Emacs, Tinkercad, IntelliJ IDEA, Android Studio
Hackathons:	HackGT New Heights 2017, UGAHacks 2018
Honors:	UGA Honors Program, Dean's List Spring/Fall 2017, Presidential Scholar Fall 2017
Awards:	Top 25 Clarinetist, GMEA All State Band (2011- 2016)