

# TIMOTHY XU

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## EDUCATION

### GEORGIA INSTITUTE OF TECHNOLOGY

#### Bachelor of Science in Computer Science

- Concentrations: Information Internetworks and Media
- Zell Miller/HOPE Scholarship Recipient, Dean's List

Atlanta, GA

Graduating May 2021

GPA: 3.61/4.0

## EXPERIENCE

### SALESFORCE

#### Software Engineering Intern

- Created an application to automatically create and upload datasets into Salesforce orgs based on configurable parameters such as users, user roles, opportunities, products, etc.
- Empowered engineers to increase the accuracy and reliability of the Sales Cloud Enterprise Forecasting feature by utilizing the DataGen tool in software testing
- Worked with the Sales Cloud Performance Engineering team utilizing tools such as Python, Apache XMLBeans, and Salesforce DataLoader to implement backend software engineering principles

San Francisco, CA

May 2020 – Aug 2020

### WARNERMEDIA

#### [NBA.com] Software Engineering Intern

- Created a web app search tool to easily query and visualize articles from the CNN and NBA databases
- Utilized AWS Elasticsearch and GraphQL in the backend, ReactJS and MaterialUI in the frontend
- Helped migrate the CNN and NBA Digital databases from REST to GraphQL

Atlanta, GA

Jan 2020 – May 2020

### SALESFORCE

#### Software Engineering Intern

- Worked in the Sales Cloud Performance Engineering team on running automation testing scripts in Soleil w/ Python to be displayed in Perf Framework
- Created a report quantifying and measuring the data differences between the Aura and LWC frameworks that were tested
- Built an interactive web release page interface to compare any two features or frameworks in Sales Cloud and Lightning utilizing HTML, JavaScript, NodeJS, Heroku, and MongoDB

San Francisco, CA

May 2019 – Aug 2019

### GOOGLE (VIA VACO SAN FRANCISCO)

#### Google Cloud Platform Innovator

- Worked closely with Google Cloud Platform teams, tests products and provides feedback on the products and features
- Hosted and organized events with hundreds of people to bring awareness to the Cloud Platform
- Demoed DialogueFlow, BigQuery, Cloud Datastore, and other technologies to 100's of students

Atlanta, GA

July 2018 – July 2019

## PROJECTS

### STUDY BUDDIES

- Created a mobile app using React Native to enhance and learning experience for GBES members taking LEED exams
- Used AWS Cognito for storing user accounts and Elastic Beanstalk to deploy backend onto the cloud
- Used Amazon RDS and MySQL to output and store data about user and study groups

Fall 2019

### WWW.TIMHXU.COM

- An example of creative and clean UX/UI design. This website was built from the ground up, and exhibits proficiency with web development and HTML/CSS/JS, as well as offering an understanding of personal style, taste, and design sensibilities
- Hosted on GitHub Pages w/ a custom URL domain, utilized Bootstrap for responsive web design

Summer 2019

## SKILLS

Technologies:	Java, Python, React, NodeJS, MongoDB, GraphQL, HTML, CSS, JavaScript, C++, Git, SQL, NoSQL, React Native, AWS (RDS, Cognito, Elastic Beanstalk, Elasticsearch), Heroku, XML
Course Knowledge:	Data Structures, Algorithms, Objects & Design, Intro to Database Systems, Computer Networking, Computer Organization & Programming, Junior Design (Agile Development Process), Computer Systems and Networks, Intro to AI, Linear Algebra

## ACTIVITIES

### TEDxGeorgiaTech

#### Speaker

- Gave a speech on "Changing the Perspective of Mental Illness in Asian Culture and Society" in front of 150+ people in person and others digitally through Facebook Live and YouTube
- Focused on erasing the stigma surrounding mental health and treating mental illness with a goal of legitimizing its existence and encouraging treatment
- Encouraged others to seek help or help others by speaking out and normalizing mental illness in daily conversation

Atlanta, GA

Oct 2019 – Feb 2020