

# Lisa Yu

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## EDUCATION

### The University of Texas at Austin

Bachelor of Science in Computer Science

**Expected:** May 2021

**GPA:** 3.8

**Coursework:** Software Engineering, Data Structures, Algorithms, Artificial Intelligence, Natural Language Processing, Computational Intelligence in Design, Network Security, Computer Networks, Operating Systems, Computer Architecture

## EXPERIENCE

### Facebook, Seattle, WA

*Software Engineering Intern - Incoming*

May 2020 – Aug 2020

### Google, Los Angeles, CA

*Engineering Practicum Intern – Google Drive Backend*

May 2019 – Aug 2019

- Built the trash auto-empty feature for Google Drive where items within a Shared Drive's trash folder would be automatically purged after 30 days to align Drive's trash model with G Suite and competitor products
- Implemented a Java asynchronous back-end task that queried from the Drive storage stack and synchronized data retrieval for effective processing, filtering, and purging

### The Home Depot, Austin, TX

*Software Engineering Intern – Loyalty Rewards Program*

May 2018 – Aug 2018

- Developed a data visualization dashboard for the Loyalty Program Management Portal
- Implemented the backend Java/Spring Framework service that aggregated data from Google Cloud Spanner
- Created the front-end experience that fetched data through RESTful APIs using React.js and Bing Maps

### Applied Research Laboratories, Austin, TX

*Science & Engineering Apprentice – Space & Geophysics Lab*

June 2017 – Aug 2017

- Developed a Python script to detect, locate, and remove radio frequency interference (RFI) from astronomical signal data based on the incoming signal's statistical distribution characteristics

## SKILLS

**Experienced:** Java, Python (NumPy, PyTorch, Matplotlib), HTML/CSS

**Familiar:** JavaScript (React.js), SQL, C++, C, Git, RESTful APIs, AWS, GCP

## PROJECTS

### WhereYouWannaBe.org – Full Stack Engineer

Sept 2019 – Dec 2019

- Developed with four team members a full-stack, cross-platform, and responsive website to connect and serve crucial data points to aid users in moving/relocation decisions
- Used Python Flask, React.js, SQLAlchemy, PostgreSQL, Bootstrap, Selenium, Postman, and Amazon Web Services

### UT Women in Computer Science Website – Technical Chair

May 2018 – May 2019

- Designed, developed, and managed the organization's website using HTML/CSS and JavaScript

## ACTIVITIES & HONORS

Women in Computer Science – *Corporate Officer, Technical Chair*

Fall 2017 - Present

Association for Computing Machinery UT Austin – *Corporate Vice President*

Fall 2017 – Spring 2019

Freetail Hackers (HackTX) – *Logistics Organizer*

Spring 2018 – Spring 2019

University Honors

Fall 2017, Spring 2018, Fall 2018, Spring 2019

UT Department of Computer Science Chevron Scholarship

August 2019

UT Department of Computer Science Capital One Scholarship

August 2018

HackRice 2018 Microsoft Challenge Winner

Fall 2018