

Alisa Thomas

Electrical Engineering

Education

The University of Texas at Dallas (UTD), Richardson, TX
Major- Electrical Engineering

Expected May 2021

Work History

The Boeing Company – Cabin and Network Systems Intern

May 2020 – August 2020

- Utilized Python to analyze 777X Onboard Network System logs
- Characterized RF performance of Wireless WAN Unit on ONS

UT Dallas Student Success Center – Peer Tutor

January 2018 – May 2020

- Tutored students 1x1 in Calculus and Differential Equations
- Hosted exam review lectures for 150 Calculus students

AT&T – Technology Development Program Intern

June 2019 – August 2019

- Utilized Power BI to track and validate field technician time reports
- Led Intern Innovation Challenge Team which made an AR app for grocery store smart navigation

Toyota Motor North America – Connected Technologies Co-Op

January 2019 – May 2019

- Performed evaluations on vehicle telematics system (Data Communication Module) based on Toyota defined test cases
- Documented and presented data analysis for Nationwide Network Connectivity tests to Toyota Engineers

Brainopolis Robotics/Coding Camps – Instructor

May 2018 – August 2018

- Taught kids aged 7-14 basic coding skills in San Francisco
- Managed advertising and back-end prep for camps

Ericsson – High School Summer Intern

June 2016 – August 2016

- Managed Operational Expenses for Business and Media Accounts team with spend exceeding \$1M
- Planned and executed Tech Camp for Kids for 200+ children in Plano

Leadership Experiences

WEHack UTD – Co-Founder/Co-Director

Fall 2019 – Present

Society of Women Engineers UTD – President

Fall 2018 – Spring 2020

Engineer in Residence Mentoring Program UTD – Vice President

Fall 2018 – Spring 2020

IEEE UTD – Director of Operations

Fall 2017 – Spring 2020

Awards and Honors

UTD Hobson Wildenthal Honors College

Fall 2017 – Present

UTD Academic Excellence Scholar

Fall 2017 – Present

UTD Dean's List Recognition

Spring 2018 – Fall 2019