

# ABIGAIL THOMAS

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## EDUCATION

**THE UNIVERSITY OF TEXAS AT DALLAS**, Richardson, TX Expected May 2024  
Bachelor of Science in Computer Science

**SUNNYVALE HIGH SCHOOL**, Sunnyvale, TX May 2020  
High School Diploma, Dual Credit Student (4.0/4.0), Top 10%, GPA: 3.98/4.0

## TECHNICAL SKILLS

**Programming languages:** C++, Java, HTML, CSS, Python, JavaScript

**Applications:** Microsoft Word & PowerPoint, Adobe Animate CC, IT Support Fundamentals, Zoom, Slack

## PROJECTS

**Omnis**, Team Project | HTML | CSS | Python | JavaScript | Json | October 2020-Present  
Collaborated with a team to create a chatbot that recognizes a user's input to help them navigate to the UTD website with whatever queries they may have. Won 1<sup>st</sup> place in the UTD Student Government category of WEHack: <https://devpost.com/software/omnis>

**CommunityCloud**, Partner Project | HTML | CSS | JavaScript | August 2020-Present  
Worked with a partner using HTML, CSS, JavaScript, and the Google Maps API to build a website that provides access to a variety of service and volunteer opportunities and organizations across all 50 states.  
<https://communitycloud.thomasabigail.repl.co/>

**Building a Computer**, Capstone/High School Project September 2019-May 2020  
Budgeted, bought, and assembled all the parts into a computer to research the hardware elements of a desktop PC. Examined the effects of technology on society in the past three decades, specifically on news and media.

## RESEARCH

**Analyzing Phishing Attacks**, ACM Research September 2020-Present

- Working on a team of researchers to analyze the phishing emails sent to UTDallas students using data collected during the semester, as well as how to help students identify and combat those emails.
- Using Excel sheets and an email parser to determine which phishing emails bypassed the parser and which are successfully identified.

## WORK EXPERIENCE

**Mobile Intern**, Harris Govern October 2020-Present

- Working on improving and innovating on a mobile property assessment application using SQL, as well as other languages.
- Collaborating with leaders to assure the best quality product possible.

## VOLUNTEER EXPERIENCE

**Executive Operations Member**, STEM TALK August 2020-Present

- Worked with fellow operations team members to set up the Slack, ClickUp, and Notion workspaces for the members of the other teams and helped launch the organization, as well as organize the newsletter.

**Social Media Coordinator**, St. Paul's Marthoma Church Youth Fellowship January 2020-Present

- Worked closely with the core leadership team and fundraising coordinators to determine what dates were best to plan events, as well as how to advertise/promote and fundraise for them.

## ACTIVITIES

**Women Who Compute**, Member September 2020-Present  
**Society of Women Engineers**, Member September 2020-Present  
**Association for Computing Machinery (ACM)**, Member September 2020-Present  
**Out in Science, Technology, Engineering, Mathematics (oSTEM)**, Member September 2020-Present