Caitlin Tibbetts

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EDUCATION

University of Texas at Dallas (UTD) – Richardson, TX

M.S., Computer Science with a concentration in Intelligent Systems — Aug 2021 – May 2022
Fast Track program

B.S., Computer Science — Aug 2018 – May 2021
Collegium V Honors Program — **GPA: 3.735**

TECHNICAL SKILLS: AWS cloud computing, Azure Machine Learning, Cryptography, Python, Git, Agile development, Linux, Java, Android mobile development, React and React Native (including Typescript)

LANGUAGES: Proficient in French

PROFESSIONAL EXPERIENCE

Amazon – AWS Data Exchange – New York City, NY

Software Development Engineer (SDE) I Intern — May – July 2021
- Improved the current workflow for importing S3 assets to the AWS Data Exchange system
- Collaborated with the Product team to ensure that the most pressing customer needs are being met
- Acted as a mentor to an intern that joined the team later than me

Amazon – AWS Cryptography Tools – Seattle, WA

Software Development Engineer (SDE) I Intern — May – Aug 2020
- Worked with the Cryptographic 3rd Party Libraries team on operations improvements
- Reinforced skills in cryptography, cybersecurity, and Python
- Learned about the logistics of working remotely in a professional team

Amazon Future Engineers Intern — May – Aug 2019
- Worked with the full-time SDEs to build, maintain, and document the AWS Encryption SDK
- Delved into a study of cryptographic primitives

PROJECTS

Hybrid Classifier Leveraging AI & Traditional Algorithms — Aug – Dec 2020

Azure Machine Learning Designer Model
- Created a natural language processing pipeline for IDEXX to classify invoices
- Tested multiple different word embeddings and algorithms to get the best accuracy and F1 scores

Deep Package Search – Amazon — May – Aug 2020

Python Click Command Line Interface (CLI)
- Developed a service to allow the Cryptographic 3rd Party Libraries team to track which environments start and stop consuming their packages over time, which streamlined campaigns to move consumers off of deprecated packages

Crowdsourced Playlist — Apr – Jun 2020

React Native application
- Built an application that allows many party-goers to attach to one central playlist and inform the music choices using Firebase, Spotify API, and React Native

EXTRACURRICULAR EXPERIENCE

Society of Women Engineers – Richardson, TX

Director of SWE Match — Apr 2020 – Apr 2021
- Spearheaded and designed a year-long engineering competition for women at UTD
- Teams created a socially-conscious project proposal and designed the project using digital tools

Alpha Gamma Delta - Epsilon Psi Chapter – Richardson, TX

Vice President of Academic Excellence — Dec 2019 – Dec 2020
- Streamlined Chapter operations by moving to Slack
- Working with sisters one-on-one to improve their grades and advise their degree plans

Association of Computing Machinery – Richardson, TX

HackUTD Marketing Lead — May 2019 – Dec 2020
- Simplified social media posting by using a content manager, which drove up engagement on all platforms
- In charge of social media and implementing the theme of HackUTD VI: Outer Space

ACM Projects Project Manager — Dec 2018 – Dec 2019
- Led a team of beginner programmers in a software project
- Mentored the team in Agile, Git, and the most efficient ways to find the answers to their own questions