Caitlin Tibbetts

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EDUCATION
University of Texas at Dallas – Richardson, TX

B.S., Computer Science   Aug 2018 – May 2021
Member of the Collegium V Honors Program   **GPA: 3.693**
Recipient of the Academic Excellence Scholarship

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

TECHNICAL SKILLS: Cryptography, AWS cloud computing, Linux, Android mobile development, React and React Native (including Typescript), Java, C++, Python

PROFESSIONAL EXPERIENCE
Amazon – Seattle, WA

Software Development Engineer (SDE) I Intern - Cryptography Tools   May 2020 – Present
- Applying big data analysis with S3
- Learning about the logistics of working remotely in a professional team

Amazon Future Engineers Intern - Cryptography Tools   May – Aug 2019
- Worked with the full-time SDEs to build, maintain, and document the AWS Encryption SDK
- Mentored by the Python developer on the team
- Learned about the inner workings of a professional office environment, including Agile software processes

PROJECTS
Deep Package Surveillance   May – Aug 2020

Python Command Line Interface
- Allows the Cryptographic Third-Party libraries team at Amazon to have visibility into which consumers are using deprecated packages in order to create strategies to drive down that usage

Crowdsourced Playlist   April – Jun 2020

React Native application
- Building a cross-platform React Native application that uses Firebase and Spotify APIs to connect users on a shared music playlist

Crypto Dragon   May – Aug 2019

Python-built API
- Collaborated with team of Amazon interns to build a true random number generator based on the entropy of physical processes, such as fluid dynamics and avalanche noise, using Raspberry Pi and Python

Perfect Playlist – ACM Projects   Aug – Nov 2018

Android application
- Built an application that uses natural language processing to build a music playlist for the user full of novel songs tailored to their situation and apparent mood

EXTRACURRICULAR EXPERIENCE
Society of Women Engineers – Richardson, TX

Competitions Chair   April 2020 – Present
- Spearheading a program to bring more all-female teams to collegiate engineering competitions

Alpha Gamma Delta - Epsilon Psi Chapter – Richardson, TX

Vice President of Academic Excellence   Dec 2019 – Present

Director of Academic Enrichment   Dec 2018 – Dec 2019
College Panhellenic Council Scholarship   May 2020
Foundation Scholarship   Jun 2020

Association of Computing Machinery – Richardson, TX

HackUTD Marketing Lead   Jan 2020 – Present

HackUTD Marketing Coordinator   May 2019 – Dec 2019

ACM Projects Project Manager   Dec 2018 – Dec 2019

SKILLS
Proficient in French