Caitlin Tibbetts

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EDUCATION
University of Texas at Dallas – 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
  Member of the Collegium V Honors Program   **GPA: 3.693**
  Recipient of the Academic Excellence Scholarship

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

PROFESSIONAL EXPERIENCE
Amazon – AWS Cryptography Tools – Seattle, WA

Software Development Engineer (SDE) I Intern   May – Aug 2020
- Applying big data analysis with S3
- Reinforcing skills in cryptography, cybersecurity, and Python
- Learning 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
- 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 – Amazon   May – Aug 2020
Python Command Line Interface (CLI)
- Building a CLI to allow the Cryptographic 3rd Party Libraries team to see which environments are consuming deprecated packages on any given day and if those environments up- or downgraded

Crowdsourced Playlist   Apr – Jun 2020
React Native application
- Built a cross-platform React Native application that uses Firebase and Spotify APIs to connect users on a shared music playlist

Crypto Dragon – Amazon   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