Caitlin Tibbetts

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1 Education

University of Texas at Dallas - M.S. Computer Science   **August 2021-May 2022**
Richardson, TX
- Fast Track Master's Program on the Intelligent Systems track

University of Texas at Dallas - B.S. Computer Science   **August 2018-May 2021**
Richardson, TX
- Member of the Collegium V Honors Program
- Recipient of the Academic Excellence Scholarship
- Current GPA: 3.546

Liberal Arts and Science Academy   **August 2014-May 2018**
Austin, TX
- Distinguished Level of Achievement with Magnet Endorsement
- Advanced Placement: AP Computer Science (10th grade with a 5), AP Psychology (12th grade with a 5)

2 Work Experience

Software Development Engineer (SDE) Intern - Cryptography Tools   **May-August 2020**
Amazon, Seattle, WA
- Will be doing more work in cryptography over the summer of 2020

Software Development Engineer (SDE) Intern - Cryptography Tools   **May-August 2019**
Amazon Future Engineers, Amazon, Seattle, WA
- Worked with the full-time SDEs to build, maintain, and document the AWS Encryption SDK.
- Built a true random number generator based on the entropy of a lava lamp.

3 Extracurricular Experience

Vice President of Academic Excellence   **December 2019-Present**
Alpha Gamma Delta - Epsilon Psi Chapter, University of Texas at Dallas, Richardson, TX
- Keep track of the grades of sisters
- Work with struggling sisters to improve their grades.

HackUTD Marketing Coordinator   **May 2019-Present**
Association of Computing Machinery, University of Texas at Dallas, Richardson, TX
- Create and curate content for all marketing platforms, digital and physical
- Update all social media at least three times a week

ACM Projects Project Manager   **December 2018-December 2019**
Association of Computing Machinery, University of Texas at Dallas, Richardson, TX
- Led a team of beginner programmers in building a software project over the semester.

Director of Academic Enrichment   **December 2018-December 2019**
Alpha Gamma Delta - Epsilon Psi Chapter, University of Texas at Dallas, Richardson, TX
- Curate scholarships and other academic opportunities for members of the chapter.
- Plan and run weekly study events for the members of the chapter.

Lead Web Designer   **February 2017-August 2018**
East Austin Digital Connection, Austin, TX
- Consulted with EADC leaders to help build easily navigable, manageable, as well as aesthetically-pleasing websites for East Austin businesses such as Sam's Bar-B-Que and Big Easy Bar & Grill on Wordpress with heavy customization.
- Developed the EADC Digital Bridge, which gives businesses and volunteers a safe and efficient place to connect. Made with Wordpress.

Social Media & Website Coordinator   **July 2016-July 2018**
TEDxYouth@Austin, Austin, TX
- Kept all TEDxYouth@Austin internet presence up to date and engaging throughout the year in order to bring attendees to the event in February.
- Made technical changes to the TEDxYouth@Austin website as needed and at the request of other team members.

4   Projects

Seattle Nativity School SMS Announcement System   **18-19 July 2019**
Alexa Skill

- Because the Seattle Nativity School expressed an issue of parental engagement, my team built a Alexa skill where a teacher can send an SMS to a parent through his/her Alexa.

Crypto Dragon   **May-August 2019**
Python-built API

- With a team of other interns at Amazon, we are building a true random number generator based on the entropy of physical processes, such as fluid dynamics and avalanche noise.
- Raspberry Pi and Python

Perfect Playlist - ACM Projects   **August-November 2018**
Android application

- With a team of undergraduates through the ACM Projects program, we 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.
- Used Android for the app and Houndify API for Natural Language Processing

Crealchemy   **August 2015-May 2016**
Android application

- Similar to the popular game Alchemy, Crealchemy allows the user to create their own elements to play with, opening up the possibilities of the game.

5   Awards and Distinction

People's Choice for the Seattle Nativity School   **18-19 July 2019**
Amazon Future Engineers Hackathon, Seattle, WA

- This charitable hackathon involved hearing about the issues of Seattle non-profits, like the Seattle Nativity School, and building an Alexa skill to help with one of these problems.

Marguerite Shepard Awards for Academic Excellence
Alpha Gamma Delta - Epsilon Psi Chapter, University of Texas at Dallas, Richardson, TX

- Buff Award (Term GPA of 3.5-3.99)   November 2018
- Buff Award (Term GPA of 3.5-3.99)   April 2019
- Buff Award (Term GPA of 3.5-3.99)   November 2019

6   Skills

Proficient in French
Experience in cryptography, AWS cloud computing, Linux, and Android mobile development

6.1   Programming languages

- Fluent: Java, Python
- Proficient: C++, HTML, CSS
- Currently learning Javascript