

# 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  
*Fast Track program*

Aug 2021 – May 2022

B.S., Computer Science  
*Collegium V Honors Program*

Aug 2018 – May 2021

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

**LANGUAGES:** Proficient in French

## PROFESSIONAL EXPERIENCE

### Coaching Casual

Founder

Aug 2022 – Present

- Creating from scratch the Coaching Casual “How to Get an Internship” course complete with 16 modules, such as Resume Writing, each with a 10-15 minute video teaching the concept, an activity, and extra resources
- Building a custom web application to host the course and any later ones that come up

### Tailwind Talent

Career Mentor

Aug 2021 – Aug 2022

- Mentored a student over the course of a year in getting, starting, and completing his first internship
- Conducted weekly meetings and personalized all action items so that he could put the needed effort into getting an internship while also succeeding at all other parts of life: work smarter, not harder

### Amazon – AWS Data Exchange – New York City, NY

Software Development Engineer (SDE) I

Aug 2022 – Present

- Joined during the implementation phase of a new feature and had to ramp up quickly to help the team hit a tight deadline for the project
- Learning about microservice architecture and the underlying design patterns to make the best design choices
- Acting as an ambassador for the team and AWS as a whole at many conferences and events, such as WE22

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 3<sup>rd</sup> 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

### Scavenger Hunt

July 2022

React Web Application

- Designed a theme-agnostic scavenger hunt game runner with a user-friendly game creator portal built-in
- Blended online and offline components of the game seamlessly by utilizing physical QR codes to encourage physical play while having all of the game instructions on the player's personal device

### Hybrid Classifier Leveraging AI & Traditional Algorithms - IDEXX

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

## SPEAKING EXPERIENCE

### Unconscious Bias in Machine Learning – CMD-IT/ACM Tapia Conference – Washington, DC

60-minute Presentation with Medha Aiyah

Sep 2022

- Drew an analogy between how more diverse teams create better products and how machine learning models based on more diverse datasets perform better
- Had a discussion with the participants about the design and ethics of our experiment, which was enlightening