Caitlin Tibbetts

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TECHNICAL SKILLS: JAVA, Python, Typescript, C++, Git, Android mobile development, React & React Native, Amazon Web Services (AWS), Azure, Firebase, cryptography, machine learning, artificial intelligence
NON-TECHNICAL STRENGTHS: public speaking, teaching & mentorship, writing & written communication
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 18 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

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

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 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
Scavenger Hunt
React Web Application   July 2022
- 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
Azure Machine Learning Designer Model   Aug – Dec 2020
- 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

EDUCATION
University of Texas at Dallas (UTD) – Richardson, TX
M.S., Computer Science with a concentration in Intelligent Systems   Aug 2021 – May 2022
B.S., Computer Science   Aug 2018 – May 2021
   Collegium V Honors Program