

Eric Hemphill

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EDUCATION

OHIO STATE UNIVERSITY May 2018 | GPA 3.5
MAJOR IN COMPUTER SCIENCE FOCUS IN MACHINE LEARNING
MINOR IN STATISTICS

SKILLS

• Python • Typescript (Apollo Server) • Java • AWS (Lambda, ECS, RDS) • AWS CDK • REST APIs • Apollo Server GraphQL (React Native) • PostgreSQL

EXPERIENCE

JP MORGAN - AI/ML MARKETPLACE VICE PRESIDENT SWE
August 2022 - Present

- Developed APIs to support internal AI/ML Marketplace tooling using Python FastAPI and AWS
- Utilized AWS Lambda, API Gateway, and Terraform to build a cloud hosted REST API

CRAFT - ASYNC AUDIO FOR SALES TEAMS SOFTWARE ENGINEER
August 2021 - July 2022

- Designed and architected backend infrastructure to support a prototype asynchronous audio collaboration app
- Collaborated with one frontend engineer to deliver the first prototype of the Craft app to beta customers
- Developed GraphQL API using Apollo Server to support React Native iOS and Android apps
- Developed UI components based on Figma designs for React Native app
- Utilized AWS services, such as S3, Lambda, ECS, Transcribe, SNS, and SQS to create a GraphQL API, async audio transcriptions, and async notifications

AMAZON - TWITCH PRIME (PRIME GAMING) SDE I & II
May 2019-August 2021 | Seattle, WA

- Developed and launched a new sign-up pipeline that increased Twitch Prime sign-up conversion rate by 1000bps
- Led and assisted Twitch Prime launches in Brazil and Singapore
- Utilized AWS to aid in launch of Prime Gaming ordering services
- Developed micro-services using Java and AWS to support key products in Prime Gaming

CAPITAL ONE ASSOCIATE SOFTWARE ENGINEER
September 2018-May 2019 | Washington D.C.

- Collaborated with data scientists to turn machine learning proof of concepts into internal applications using AWS
- Improved performance of core machine learning task up to 10x by optimizing SQL queries and using GPU acceleration

PROJECTS

PUZZLE TIMER APP
Father & Son side project | Summer 2021

- Developed native android app using Kotlin to create an app to time puzzle progress and basic statistics like average piece time
- Published app to Play Store with an average rating of 4 stars (2 reviews) and over 20 installs!