Edward Seymour

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eseymour.me
github.com/eseymour

EXPERIENCE

Amazon.com Services   Seattle, WA
Software Development Engineer   *Jul 2019–Nov 2021*

- Created the initial React front-end with TypeScript for a customer and internal facing portal interfacing with the existing webserver through Swagger generated API
- Optimized an ElasticSearch query in a critical downstream microservice, reducing related API latencies by over 80% during peaks in traffic
- Worked with AWS technologies such as Lambda, S3, SQS, SNS, CloudFormation, and CDK

Soothing Resonance (formerly Freudensong)   El Paso, TX
Software Engineer, Professor Led Startup, Part-time   *Jun 2017–Jun 2019*

- Created the initial prototype and rewrote it into a digital signal processing library in C++14 to feed back microphone audio at low latency running on iOS and Android
- Authored the Android app interfacing with the portable library in using the Android NDK
- Used Git, CMake, and Google Test in daily work for more robust and modular code

UTEP Computer Science Department   El Paso, TX
Undergraduate Teaching Assistant, Part-time   *Aug 2017–Jun 2019*

- Assisted in the OS, Networks, and Computer Architecture courses and related labs
- Graded and helped students with labs written in Python, C, and MSP430 Assembly

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SKILLS

- Experienced working with Java, TypeScript, React, Git, and Go
- Familiar with Python, C++14, AWS CDK, and LaTeX
- Native English and Spanish speaker with basic Turkish and Japanese knowledge

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EDUCATION

The University of Texas at El Paso   El Paso, TX
Bachelor of Science in Computer Science, Major GPA: 3.80   *Graduated 2019*
Relevant Coursework: NLP, Machine Learning, Reverse Engineering, OS, Computer Networks

Carnegie Mellon University   Pittsburgh, PA
Partial credit towards Bachelor of Science in Computer Science