CONNOR LAM

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TECHNICAL SKILLS

Front End | React Native, Javascript, CSS
Back End | Python, Java
Testing/Deployment | AWS: Lambda, AWS: EC2, AWS: S3, AWS: Amplify
Developer Tools | Git, npm, Expo

EXPERIENCE & PROJECTS

Personal Project | PLUR plurapp.webflow.io   Oct 2022 - Present

Concert and event review mobile application   Javascript | React Native | Lambdas | AWS | Expo

- Directed a fullstack development of a ratings and reviews mobile app to allow users to post reviews, view average ratings, search by keyword, date, and/or star ratings for an artist or event
- Planned and structured database with scalability to account for future fluctuation of users
- Deployed and tested ever-changing iterations of the app using Expo and Amplify CLI
- Developed and maintained project plans, schedules, and budgets, using project management tools and methodologies

Researcher | Stratus API - Cloud at Cal   Feb 2023 - Present

Train and deploy machine learning in the cloud with a single API   JavaScript | HTML | AWS | Python

- Facilitated discussions with research team to assess client expectations and construct cloud architecture design
- Modeled data and constructed API endpoints to allow for seamless frontend integration to backend
- Implemented automation of training machine learning models to be readily deployed with ease for small-medium businesses

Back-End Software Engineer Intern | Rimble   Jun 2022 - Aug 2022

Remote learning management system web application   JavaScript | Python | AWS: Lambda

- Developed and implemented scripts to collect real-time and historical data for popular E-Sports games
- Integrated scripts into Rimble's data pipeline using Amazon Web Services to provide insightful analysis and powerful visualization tools to clients in the E-Sports industry
- Worked independently to ensure the seamless flow of data ingestion and demonstrate proficiency in back-end engineering

Personal Project | Status Checker   Dec 2021 - Feb 2022

Be notified when the status of an item on your wishlist changes   Python | AWS

- Implemented a real-time web-scraper(max 10 second latency) to check the availability of various products including a limited edition Coach bag, as well as apartments on Danish websites
- Designed script to send an email to interested users when availability changes
- Navigated AWS tools and automated this scraping service, resulting in tangible impacts for friends and family

Back-End Software Engineer Intern| Delphi Engineering Group   Dec 2021-Jan 2022

Configure commercial radar systems   Lua | VHDL | C | Java

- Optimized scripts to interpret and transmit proper information among registers of commercial aerospace radar systems via bit manipulation
- Debugged existing VHDL(VHSIC Hardware Description Language) programs for PG4 FPGA(field programmable gate array)

EDUCATION

University of California, Berkeley - Bachelors of Arts, Computer Science & Data Science   Dec 2023
Irvine Valley College - Associates of Arts, Math & Physics   2021