

Jibram Jimenez-Loza

jibram.net | jibramSWE@gmail.com

EXPERIENCE

Google

10/2021 - 11/2024

Software Engineer

- Launched several auction improvements on the Travel Ads team for over 2.5% revenue gains (\$XX M).
- Empowered DNN models via feature engineering to improve accuracy by over 10% on different surfaces as the team expanded to other verticals, preventing cost increases associated with surface-specific models
- Leveraged Vizier to create a simulation pipeline to tune hyperparameters in models after each release, selecting better configurations than would be in manual tuning, saving 10 dev-hours per release.
- Implemented region-specific model configurations to deliver clicks/revenue in both large and small GEOs.
- Contributed to a large migration, reusing Search Ads models, reducing the team's compute cost by over 50%.

Ancestry

01/2020 - 10/2021

Associate Software Engineer

- Engineered modern single page e-commerce applications with Javascript, React, and NodeJS.
- Produced increase of over 10% conversion rate with user-enabling features right from the checkout flow.
- Established a new stack for an internal tool, lowering 3rd-party expenditures by the company.
- Continuously improved and deployed safer and more efficient code for the Commerce Front-End team.

Ancestry

05/2019 - 08/2019

Software Developer Intern

- Developed on the Commerce Front-End team using Javascript, React, Redux, and Flow.
- Insured code quality of each component by writing unit test cases with Jest.
- Communicated effectively with product managers through Agile for iterative and incremental development.
- Reduced size and page load time by over 30% by replacing dependencies with lightweight components.

Computer Vision Lab, UC Merced

01/2019 - 05/2019

Undergraduate Researcher

- Conducted research for tracking bird species by converting audio files into spectrograms using Python.
- Investigated differences between feature extraction techniques to CNN pre-classification feature vectors.

PROJECTS

Teams+

09/2019

TwitchCon Hackathon 2019, The BanzaiBaby Challenge winner

- Created a tool for streamers to share a whitelist and blacklist of users among their stream team.
- Implemented the extension with Twitch API, MongoDB, Express, React, and Node.js.

SKILLS

Languages: Javascript, Python, C++, SQL, Java

Technologies: React, Redux, NodeJS, Jest, Cypress, TensorFlow, Vizier, gRPC, GWS

EDUCATION

Bachelor of Science in Computer Science and Engineering

Fall 2019

University of California, Merced [3.58 GPA]

Study Abroad at Yonsei University in Seoul, South Korea

Fall 2017 - Spring 2018

Coursework: Data Structures and Algorithms, Algorithm Analysis, Computer Networks, and Software Engineering