Eric Shively

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WORK EXPERIENCE

ExoRoad   **2023 – present**
Founding Software Engineer   *SF, CA*

- Creating a full stack product, a location recommendation system aggregating 60+ datasets, using Next.js, React.js, Typescript, Python, PostgreSQL, Next-Auth, TailwindCSS, LLM API.
- Deployed with the latest scalable infrastructure using Vercel, Supabase, Stripe, OpenAI, Anthropic, Cloudflare R2 storage.
- Integrated with many web API's and data files for information retrieval applying to location data analysis.

Amazon Lab126   **2017 - 2021**
Software Engineer 2   *Sunnyvale, CA*

- Spearheaded core Echo SmartHome feature development including architectural decisions and device capabilities including WiFi and Bluetooth lightbulb power and brightness.
- Shipping a full-stack web app handling petabyte scale log analysis and data visualizations for proactively resolving customer pain points utilizing front end Javascript, Java backend services, Elasticsearch, and AWS.
- Implemented Wake On LAN feature across all embedded Echo devices, including 3 different architectures composed of C++ and Android Java.
- Debugging WiFi networking stack issues on Amazon Echo devices.

Amazon   **2016**
Software Engineer Intern   *Seattle, WA*

- Designing and delivering an anomaly detection system, requesting correction on erroneous measurements an additional 90%, using a plethora of internal build tools, Java, Ruby and AWS DynamoDB..

EDUCATION

University of California, Irvine   **2017**
BS Computer Science   *Irvine, CA*

- Algorithms Club, App Dev Club, Computer Science House
- Helped develop college bus route iOS mobile app
- Classes: Algorithm Analysis, Data Structures, Machine Learning, Information Retrieval, Databases

SKILLS

Soft skills: Curiosity, customer obsession, ownership, bias for action, clear communication
Technical skills: Next.js, C++, Typescript, React.js, Python, C, Java, headless Android, Git, SQL