

Erin Akarice

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EXPERIENCE

Software Engineering Fellow, *Fellowship*, *Remote*

- Selected for highly-competitive Fellowship for personalized coaching from top-tier software engineers.
- Completed intensive training to master computer science fundamentals through coding exercises through independent study, pair programming, and small mentor-led groups.
- Contributed bug fixes to mattermost's open-source mobile app and server.

07/23
– Now

Software Engineer, *Microsoft*, *Redmond, WA*

- Promoted YoY conversion for OneDrive with prominent UI changes to the File Explorer context menu to drive new subscriptions by directing design with PM.
- Improved Windows File Explorer context menu click accuracy for a billion plus users.
- Decreased size of Windows 11 binary to impact cost of update delivery.
- Prototyped modern File Explorer by collaborating with recommendations team.

02/22
– 12/22

Web Developer, *O'Hanks Management*, *El Cerrito, CA*

- Reduced annual expenses by \$4800 by creating a client-facing Bootstrap site with custom SEO and content management system for property listings that virtually eliminated the use of web marketing consultants.
- Stored client data securely on postgresSQL through Django ORM based on property requirements.
- Implemented Jenkins CI/CD to automate Heroku updates based on CodeCov validation of Git repo and disseminate static assets on AWS CloudFront CDN.

07/18
– 08/19

Software Developer, *VSolvit*, *Ventura, CA*

- Designed and developed the React frontend for an internal intelligence tool that triggered web scraping for competitive intelligence.
- Wrote a batch script that guaranteed homogeneity across 1000+ company workstations by modifying Windows registry to configure system settings.
- Designed Python behavior (black-box) tests using BeautifulSoup and Selenium for business-facing websites.

03/17
– 06/18

Android Developer (contractor), *Caura Futures*, *Berkeley, CA*

- Designed and implemented end-to-end system for content management and observability through mobile Android app Flask backend that enabled indigenous Amazonians to connect with enriching ecological information.

06/15
– 07/17

iOS Developer intern, *ISPOT Interactive*, *Walnut Creek, CA*

- Completed Objective-C iOS app by working under senior engineer to program and test different approaches for improving consumer decision-making.

07/12
– 02/13

PROJECTS

Tiny Door

- Architected AWS pipeline that used Redis message queue to ingest transcoded video from Django site into S3 into Rekognition with SNS to notify of completion.
- Used poisson binomial distribution for scoring crowd sentiment displayed with Bootstrap.

05/21
– 07/21

EDUCATION

B.S. Applied Computer Science, *Dominican University*, *San Francisco, CA*
Machine Learning Nanodegree, **Deep Learning Nanodegree**, *Udacity*