

## Erin Akarice

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### EXPERIENCE

#### Software Engineering Fellow, *Fellowship*, Remote

07/23  
– Now

- 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

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

02/22  
– 12/22

- 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.

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

07/18  
– 08/19

- 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 postgresQL 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.

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

03/17  
– 06/18

- 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.

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

06/15  
– 07/17

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

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

07/12  
– 02/13

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

### PROJECTS

#### Tiny Door

05/21  
– 07/21

- 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.

### EDUCATION

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