

# April Li (she / her)

Full-stack SDE, app inventor and permanent resident in Silicon Valley

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## Education

### App Academy Open

Coding Bootcamp // SEP 19 – FEB 20

Full-stack software development with pair programming and 20+ small projects

### Academy of Art University

Master of Fine Arts, Motion Picture // JAN 13 – MAY 17

## Experience

### Founder, CEO, Software Engineer @ Elephant Box

JUL 2020 – Present // Sacramento, CA

Led a team of 5 engineers from bootcamp, 2 designers and delivered two products within 3 months as the product owner and scrum master using agile framework

Launched "Eat NOW" in Google Play, a machine-learning mobile app that recommends restaurants by learning from user preference via tinder-like swiping

- Built easing animations with React-Native shared element transition
- Built models, in-memory cache and APIs for user session with Django
- Built Content-Based recommendation with TF\*IDF similarity algorithm, scikit-learn as ML modeling tool, and 3rd party APIs as data source with rate limiter

Launched "Investor's Game", a web life simulation game inspired by Monopoly and let you go back in time and make investments based on real historical data flow

- Built state management for 30+ states using redux, redux-thunk and react-hook
- Built high-performance stock line chart stream using requestAnimationFrame, chartjs, achieving 60% lower CPU usage and 60 fps
- Built client-side routing with React-Router and server rendering with Ruby on Rails 6 to optimize both SEO and performance

Setup continuous deployment, domains, Postgres database on Heroku

### Software Engineer Intern @ BargoPay

MAR 2020 – JUL 2020 // Baltimore, MD

Launched Blismo (for consumer) and Blisness (for business) in App Store & Google Play, two mobile apps positioned as Starbucks App for local businesses

- Built onboarding flow and state management using Flutter stateful components
- Built 50% of backend models and APIs with Node.JS, Firestore and setup continuous deployment to Google Cloud Functions
- Built rate limiter and memcache based on 3rd party API constraints and improved average API response time by 10X

### Commercial Director & Lead Video Editor @ RedCube Productions

JAN 2018 – FEB 2020 // Burlingame, CA

## Launched Apps



### Blismo / Blisness

In App Store & Google Play



### Eat Now

In Google Play



investors-game.com

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## My Story

- Formerly award-winning film director
- Had full-time job in video production for 2+ years
- 400+ GitHub contributions since career transition
- Certifications in JavaScript, Python, React and Ruby on Rails
- CodeSignal Certified 834 / 850
- Part of Tapia, GHC and Lesbians Who Tech communities

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## Skills

### Programming Languages

JavaScript (ES6), Python, Ruby

### Web

React (Hook), Redux, jQuery, HTML, CSS

### Mobile

React-Native, Expo, Flutter

### Backend

Django, Rails 6, Node.JS, SQL  
Heroku, Google Cloud Platform