Eric Liang

Full-stack Web Developer

- (646) 339-0204
- eliang58@gmail.com
- https://www.linkedin.com/in/eliang58/
- https://ericliang.dev

EXPERIENCE

ROSE, New York, NY — *Software Engineer, AR Lead*

OCT 2021 - MAR 2023

- Developed internal content and documentation to support engineering, onboarding, KT sessions, resource repositories, and new business operations for ROSE's augmented reality initiatives
- Developed staff plans, work estimates, engineering tickets, and technical architecture for new projects
- Trained ROSE software engineers in leading augmented reality frameworks and platform
- Worked as the technical consult and primary engineer on augmented reality experiences, progressive web apps, and custom campaigns for clients including Mastercard, Selfridges, Moët Hennessy, Kenneth Cole, and more

ROSE, New York, NY — *Junior Software Engineer*

AUG 2019 - OCT 2021

- Conceptualized, engineered, delivered, and maintained progressive web apps, large-scale content websites, and other projects for clients including Airbnb, JP Morgan Chase, Lockheed Martin, Sports New York, New York Lottery, Fuse.tv, and more
- Engineered pioneering augmented reality experiences for clients including Patrón, Steve Madden, KHAITE, and more, with features in Vogue, Harper's Bazaar, and the NYT

PROJECTS

Treeline — *A dynamic tree map of NYC*

MAY 2023 - PRESENT

- Built with React Native and Google Maps, Treeline is an interactive, dynamic map of the 600,000+ sidewalk trees in New York City, offering data such as tree species, health and status, diameter, and species information.
- Uses Redis to manage different classes and volumes of map marker data at various zoom levels.

Arbor — *A word etymology tool*

APR 2023

- Arbor allows users to input words from any language and trace its ancestors and cousins to their first recorded origins.
- Uses a recursive algorithm to identify word relatives, D3.js to visualize the etymology trees, and Google Cloud Platform for backend and application layers.

SKILLS

- Web and mobile app design and development
- Data visualization
- 3D web experiences
- API development
- Database management and schema design

LANGUAGES, LIBRARIES, TOOLS

- JavaScript, TypeScript
- SQL
- Python
- Ruby on Rails
- React, Next.js, Gatsby
- Redux, Redux Saga
- GraphQL
- Sass
- Three.js, A-Frame, 8th Wall
- D3.js
- Express
- Amazon Web Services
- Google Cloud Platform
- Agile, Jira

EDUCATION

App Academy — *Certification, Fullstack Web Development*

SPRING 2019

State University of New York at Binghamton — *Bachelor of Arts, Linguistics*

SEP 2012 - DEC 2015

ABOUT

I'm Eric, a full-stack web developer with expertise in web apps, data visualization, and AR/VR.

I'm drawn to creative, ambitious, and data-driven ideas, especially ones that are mission-driven.

I'm interested in how we can make the web immersive, democratized, and accessible to everyone.