ELIZABETH VIERA

✉ elizabeth.viera.codes@gmail.com   🌐 elizabethviera.com
☎ 517.914.3052
⌨ elizabethviera

SKILLS

LANGUAGES: Python, JavaScript, TypeScript
FRAMEWORKS AND TECHNOLOGIES: Django, Celery, React, Elasticsearch, Git

EMPLOYMENT

EVENTBRITE
San Francisco
Aug. 2018 to Apr. 2020

Software Engineer, Risk and Fraud Team

Full-Stack Engineer maintaining and expanding real-time decision-making framework and associated data pipelines.
Selected projects:

- Expanded the velocity tracking framework to include automated database accesses, eliminating a major source of replication lag and allowing bulk processing of over 100,000 celery tasks at a time.
- Created the front end for an account takeover investigation tool, unpacking large sets of data into readable and searchable format.
- Created Django migration script to migrate Elasticsearch 2 databases to Elasticsearch 6.

EDUCATION

Carnegie Mellon University
Aug. 2016 to May 2019

M.S. Logic, Computation, and Methodology 2019
(Two years in residence, one year remote)

University of Michigan
Aug. 2012 to May 2016

B.A. Logic 2016

PROJECTS

CHOREO APP
Aug. 2019 to Nov. 2019

Choreo is an interactive tool for organizing dancers into formations and visualizing movement between positions.
Written in Typescript and React.

COLOR-FI
Mar. 2018 to Nov. 2019

Color-Fi is a photo-filtering program used to create custom image filters based on the contents of an input image.
Written in Python.

SPEAKING

HOPPERX1 SEATTLE
Mar. 2019

Gave a talk on intrapreneurship programs at mid-sized companies, highlighting the benefits of creating diverse teams to do rapid prototyping.

CARNEGIE MELLON MAPS
Sept. 2017

Gave a talk on inclusive pedagogy, presenting resources and techniques for creating an inclusive teaching environment.