Eric Ju

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SKILLS   **Javascript, React, Redux, D3, Python, Ruby, Ruby on Rails, HTML, CSS, SQL, Git**

PROJECTS

FortheGram (Rails, React, Redux, AWS, PostgreSQL, Webpack, Heroku)
A single-page web application that replicates the functionality of Instagram
- Incorporated RESTful routes and the Redux library to maintain normalization of data in the state via reducers, as users create, retrieve, update and delete their posts
- Designed a User Authentication system secured with back-end measures using Bcrypt to generate user and session specific components and actions on the front end via React Router
- Implemented a PostgreSQL database to store user posts, likes, comments and follows with polymorphic associations while storing photos on AWS through ActiveStorage

COL-lie   (Javascript, D3, HTML, CSS)
An interactive javascript data visualization that allows users to see the living costs of various cities in the United States
- Generated a map of the United States using D3, based on a Topojson file holding state and county level information, retaining geometric accuracy upon render
- Incorporated a JSON file containing cost of living data from 40+ cities to produce interactive tables upon search and hover within the map via event listeners

EXPERIENCE

Capital Markets Analyst

Better Mortgage   Jan 2016 - Oct 2018
- Early-stage member of Capital Markets team at Better Mortgage, a Fintech online mortgage startup working to disrupt the archaic mortgage industry through technology and a streamlined home-buying experience
- Supervised projects between engineers and vendors to improve processes within the capital markets function leading to improved pricing strategies and execution, increased funding times on warehouse lines and greater transparency within mortgage servicing
- Managed origination pipeline of $200mm in monthly loan volume: overseeing margins, mitigating fallout risk and optimizing pull-through by collaborating with internal production teams and external stakeholders
- Acted as initial point of contact and relationship manager of 30+ counter-parties within the mortgage industry, including major mortgage banks, servicers, pricing analytics providers and warehouse banks; coordinating weekly check-ins and initiating discussions for additional partnerships and mortgage product opportunities

Finance Analyst

Citigroup   Jun 2014 - Sep 2015
- Provided Institutional Clients Group(ICG) senior management with ad-hoc analysis and insight into ICG's financial results, by working closely with ICG businesses and regional P&A groups, to help facilitate decision making and to drive performance across the ICG businesses
- Assisted in the Federal Reserve Bank's Comprehensive Capital Analysis and Review coordination efforts for ICG, engaging businesses and regions and keeping track of intermediate deadlines and submission deliverables

EDUCATION

University of Michigan - Stephen M. Ross School of Business - Bachelor of Business Administration with Distinction, 2010-2014
App Academy - Immersive software development course with focus on full stack web development, 2019