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## SKILLS

**Language** | Ruby | JavaScript | ES7 |  Ruby on Rails | React / Redux | React Native | CSS/SCSS/HTML | PostgreSOL/Razor SQL | D3 | R Stata | Cisco CLI | Excel VBA | Windows Shell | AWS S3/CloudFront/Route 53 | jQuery | Bootstrap | Git | Node | Xcode
**Systems |** Oracle Hyperion | Tableau Desktop | FactSet | AWS |
**Certifications** | ITIL v3 | AWS Technical & Business Professional | DRI License #51308 | MTA Network Security License # F587-4691

## PROJECTS

Cryptos | (React / Redux, React Native, Xcode, JavaScript)                                                     Live | GitHub
- Developed and published mobile application to the App Store that gathers real time cryptocurrency pricing data from our own backend API endpoints.
- Used React Native for frontend coin details, charts, and news components that allows users to experience a more responsive interface for both portrait and landscape view.
- Utilized MongoDB, Express, and Node to fetch data from the Bittrex API and hosted with dedicated endpoint for market and coin data
- Real-time charting data is generated using d3 visualization library and user has the option to switch from hour, day, or week view.
- Applied News API to gather the latest news from different sources and dynamically search news pertaining to that coin when user selects their coin.

Liqr | (React / Redux,  Ruby on Rails, CSS, HTML)                                                     Live | GitHub
- Established a user database that allows users has the ability to create accounts that are fully encrypted using BCrypt.
- Integrated Cloudinary API that allows users to upload their photos directly to the cloud hosting service and provided the ability for users to utilize the drag-and-drop feature to upload.
- Used Rails backend to keep track of the associations between users and photos. This also allows users to organize photos into albums.
- Photos are displayed on a dynamic grid system that ensures no edge gaps when the webpage resizes. Used multiple joins tables to provide users the ability to comment and update their own comments.

TopoData | (JavaScript, D3, CSS, HTML)                                                     Live | GitHub
- Leveraged D3 data visualization library to generate an interactive map of the average and median salary by state across the nation.
- Applied D3's linear scale to render the various color shades for each state and allowed users to select the years from 2011 to 2016.
- Enabled users to select various states and see the difference between their selected state and the state users hover on.

## WORK EXPERIENCE

**Financial Systems Analyst –** Quantcast Corporation                                   August 2016 – October 2017 | San Francisco, CA
- Implemented a real-time dynamic Tableau financial dashboard linking to multidimensional data cube source (Essbase) and publishing to Tableau server for leadership to view
- Built and maintained a 5-year long range forecast income and headcount model in Oracle's Hyperion using variable drivers that calculate future projections.
- Deployed a Tax Transfer Forecast model that utilized real-time exchange rate data and financial calculation models to accurately assess our quarterly tax implementations across 7 global regions

**Technology Consultant Experienced Associate –** PwC                                   August 2015 – August 2016 **|** San Francisco, CA
- Specialized in Network Infrastructure (Firewall Security) to capture traffic data using FireMon and effectively configure Cisco firewalls with the correct source, destination, and port addresses using Cisco's CLI
- Oversaw firewall remediation project for a major airline with over 160 Cisco firewalls with a team of 6 and work with international teams across the globe.
- Assessed network integrity for a government power plant to effectively prevent cyber attacks
- Projected resources management analysis to effectively complete the project while maximizing project revenue
- Worked with project managers and subject matter specialists to communicate with internal and client teams to ensure on time project completion

## EDUCATION
- University of California, Berkeley | B.A. Economics, Major – B.S. Industrial Engineering, Minor                                   May 2015