

**PROJECTS**

Cryptos | (React / Redux, React Native, MongoDB, Express, Node.js, Xcode)

* Developed mobile application that gathers real time pricing data for 25+ cryptocurrencies using a MongoDB backend API endpoints and published to App Store
* Used 30+ React Native components for frontend coin details, charts, and news that allowed maximum code reuse and fast fetch time from API endpoint (14 days).
* Utilized MongoDB, Express, and Node to fetch data from Bittrex’s API and store historical data to draw accurate charts
* Created responsive UI/UX for both portrait and landscape views by leveraging D3 visualization library and real-time charting data to generate hourly, daily, and weekly view of cryptocurrencies
* Developed an algorithm to deliver a 2-second response time to filter out irrelevant information returned from “News” API, resulting in the most accurate and latest cryptocurrency news for a specific coin

Liqr | (React / Redux, Ruby on Rails, CSS, HTML, Ruby, SQL, PostgreSQL)

* Enabled encrypted user data to be stored in PostgreSQL through BCrypt, and stored user session data in Rails
* Leveraged the Cloudinary API to increase user efficiency by 20%, which allowed users to directly upload photos to the cloud hosting service, and provided the ability to utilize the drag-and-drop file upload feature
* Enabled photo organization into albums by using Rails to keep track of the associations between users and photos

**EXPERIENCE**

KRAKEN | San Francisco, CA | Apr 2018 – Present | Software Engineer

* Expertise writing backend web services in Golang for internal tools and built a live statictics dashboard using SQL and Redis.
* Analyzed and identified bottlenecks in performance based on threads, connections, process memory, and cache
* Designed a secure, stable, and robust architecture for client facing environments
* Improve monitoring of production services to catch warning signs and critical conditions
* Collaborate with team member to add support for complex user interfaces and DevOps to deploy new services and databases

QUANTCAST | San Francisco, CA | Aug 2016 – Oct 2017 | Financial Systems Engineer

* 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

PwC | San Francisco, CA | Aug 2015 – Aug 2016 | Technology Consultant

* 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

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**SKILLS**

Go

JavaScript (ES6)

React / Redux / React Native

Docker / Jenkins / AWS

Node.js

Ruby / Ruby on Rails

CSS/ SCSS / HTML

PostgreSQL / RazorSQL  
D3 / ChartJs

jQuery

Git

**EDUCATION**

University of California, Berkeley

B.A. Economics, Major

B.S. Industrial Engineering, Minor

2011 – 2015

App Academy

Software Developer

2017 - 2017

**CERTIFICATIONS**

ITIL v3

AWS Technical Associate

AWS Business Professional

Business Continuity (DRI)  
 License #: 51308

Microsoft Tech Associate

License # F587-4691

Software Engineer

HENRY H. CHEN