HENRY H. CHEN

Software Engineer

(626) 257 – 1177

henrychen1@berkeley.edu

Berkeley, CA

linkedin.com/in/henrychen11

github.com/henrychen11

henryhchen.com

EDUCATION

University of California, Berkeley
B.A. Economics, Major
B.S. Industrial Engineering, Minor
2011 – 2015

App Academy
Software Developer
2017 - 2017

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

CERTIFICATIONS

ITIL v3
AWS Technical Associate
AWS Business Professional
Business Continuity (DRI)
License #: 51308
Microsoft Tech Associate
License # F587-4691

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

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