

writegracelee@gmail.com
github.com/phenomeno

Grace Lee
(650) 417-8046

1929 Crisanto Ave Apt. 703
Mountain View, CA 94040

Objective: Seeking challenging software dev position; active learner and current actuary

Languages: Javascript, HTML5, CSS3, Python, SQL, C

Framework/Tools: Bootstrap, Git, SQLAlchemy, Angular.js, React.js, Flask, Node.js

Projects

ReviewFinch

- Product curation website that aggregates reviews and product information based on sentiment analysis and noun phrase extraction
- Created Chrome app extension in order to seamlessly provide insights into its respective market with price/reputation visualization, using Chrome Extension API, Highcharts.js, jQuery
- Wrote RESTful APIs to validate crawled product and review information and store into a MySQL database using Flask and SQLAlchemy
- 40% growth per month in new sessions (~1,000 sessions a month so far)

Epistore

- All-in-one cloud-based solution for local small businesses that provides basic CRM, inventory management, and POS software
- Incorporates AngularJS, Bootstrap, Flask, and MariaDB wrapped as a Chrome app to allow for general cross-platform support, offline mode, and auto-updating
- Designed internal RESTful APIs for a single-page application which involves modularized services, controllers, and views for vendors, transactions, and products

spark-medicare

- Analyzes Medicare data from CMS (Centers for Medicare and Medicaid Services) via Apache Spark to find utilization trends for procedure codes

Work Experience

Health Net, Actuarial Associate I

2014-present

- Used Cygwin as a primary POSIX-compliant environment in order to develop healthcare-related data processing software in Python (Editor: ViM)
- Analyze member level risk score and submitted encounters to close a care gap of up to 1 billion dollars in Medicare revenue using SQL via PL/SQL or SAS, summarized in Access or Excel
- Created dashboard for Medi-Cal encounters with claims data pulled and summarized using ISPF on IBM mainframes
- Final reports created using VBA to populate about 50 tabs each month and used to track performance and used in contracting with providers

Education

Actuarial Exams

2013 - 2015

- Probability, Financial Mathematics, Models of Financial Economics

University of California, Davis

2009 - 2013

Major: *Studio Art, B.A.*; Major GPA 3.76

- Mini Minor: Mathematics