

Reid Sherman

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Projects

GIGSIGN – CONTRACTS FOR THE MODERN MUSICIAN

- Implemented DocuSign Templates and Payments API to finalize peer to peer business transactions between parties.
- Utilized TeleSign Fraudulent Number API to verify and filter phone numbers retrieved through Craigslist.

REDDIT SCRAPER – PARSE COMMENTS AND REPLY TO RELEVANT THREADS

- Scrapes Reddit comments for references to movies and television shows using the PRAW API.
- Parses comment and checks if available on Netflix Streaming using the NetflixRoulette API.

RUN GROUPER – FIND LOCAL RUNNING PARTNERS AND PLAN ROUTES QUICKLY

- iOS Native Application written in Swift.
- (PLANNED) Map local running routes and connect with local runners.

Skills

COMPUTER PROGRAMMING

- Developed educational software for designing lesson plans, timing instruction, simulating topographic data, and modeling disease transmission using Python, JavaScript with jQuery, C++, and Google Apps Script.

SCIENCE

- Utilized C++, Python, Fortran, and IDL to model, analyze, and visualize photometric data from NASA's Kepler mission for undergraduate thesis at University of California, Santa Cruz.

Experience

SCIENCE TEACHER | 47 AMERICAN SIGN LANGUAGE HIGH SCHOOL | SEPTEMBER 2013 – JUNE 2017

- Planned curricula and conducted lessons for Computer Science, Earth Science, and Physics daily.
- Diagnosed technical support issues and maintained computer laboratories, classroom Smartboards, projectors, laptop carts, and microphones daily.
- Verified student understanding of content by processing assessment and conferencing data weekly using the *Teacherease* Learning Management System.

Education

SOFTWARE ENGINEERING | DECEMBER 2017 | APP ACADEMY, SAN FRANCISCO

- Major: 12 Week Immersive Software Engineering Program using Ruby on Rails, JavaScript, React, and Redux.

MASTER OF ARTS | SEPTEMBER 2013 | AMERICAN MUSEUM OF NATURAL HISTORY, NEW YORK

- Major: Teaching Earth Science.

BACHELOR OF SCIENCE | JUNE 2012 | UNIVERSITY OF CALIFORNIA, SANTA CRUZ

- Major: Earth and Planetary Sciences.