

Joel Herrick

Seattle, WA - Email me on Indeed: [indeed.com/r/Joel-Herrick/9e683d1f7783ce43](https://www.indeed.com/r/Joel-Herrick/9e683d1f7783ce43)

Authorized to work in the US for any employer

WORK EXPERIENCE

Software Developer

Self Employed - Seattle, WA - March 2016 to Present

Utilizing a variety of technologies to produce web and mobile applications.

Python, kivy, Django/Flask, Ruby on Rails, RESTful APIs

TCG Trader

- Cross-platform mobile application in development using Python and Kivy for players of trading card games to manage and track their collection and trades amongst other users.
- Geolocation, user-to-user chat, and match algorithm using 3rd party pricing. Work in progress.

Subreddit Search Algorithm

- Algorithm to improve Reddit's native search functionality by returning more relevant results
- In development using Python and PRAW to scrape Reddit posts and comments.

Video Game Recommender

- Python algorithm that pulls from the IGDB API to provide video game recommendations from input based on publisher, year released, genre, and aggregate review rating.
- Using Flask this will become a full feature web application that allows users to save preferences and incorporate their personal ratings into the algorithm.

Weather App

- Cross-platform mobile application developed with Python and Kivy that provides basic weather app functionality.
- Location search/save, current conditions and 3/5/7 day forecasts, settings menu, saved sessions

EDUCATION

Bachelor of Arts in Political Science

Gustavus Adolphus College - Saint Peter, MN

SKILLS

Python (2 years), Kivy (1 year), Flask (Less than 1 year), Django (Less than 1 year), Ruby on Rails (Less than 1 year), C++ (Less than 1 year), Git (1 year), Software Development (2 years), Mobile (1 year)

LINKS

<http://github.com/jherrick>

<http://linkedin.com/in/joelherrick>

CERTIFICATIONS/LICENSES

Introduction to Computer Science and Programming Using Python

Given for completion of MIT course on edX

Chinese Language Certificate

For proficiency -- awarded at Fudan University in Shanghai, China

ADDITIONAL INFORMATION

Most experienced with Python, kivy, mobile, Linux, object oriented design, data structures, algorithms, back-end programming, Git.

Some experience with C++, Ruby on Rails, front-end programming.