

James Hofstra

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SKILLS

- Programming: C, C++, Java, Python, Bash
- Front-end: CSS, HTML, JavaScript
- Back-end: Django, SQL
- Software & Tools: Git, Microsoft Office (Word, Excel, PowerPoint), VirtualBox, AutoCAD, UML, AWS
- Operating Systems: Windows, Linux, OS X

PROJECTS

Steam Stat Utils

Python, Steam API

https://git.jameshofstra.com/jameshofstra/steam_stat_utils

- Developed a script that interacts with the Steam client and Steam Web API to retrieve, process, and display player stat information. Working with other players to research games and mechanics and share the information with the player base so that the player gets a better sense of how characters perform based on the stats and improve their strategies.

open-xprofile

Bash

<https://github.com/jameshofstra/open-xprofile>

- Developed a script to secure web browsers' user data by creating containers to separate web activity. Practiced key shell scripting conventions, including designing a command line interface and calling external programs.

Keyword++

Python, Django, Google Trends

- Developed a web application to automate keyword discovery for search engine optimization. Since existing tools were expensive and lacked integration, we designed Keyword++ to leverage 3+ external APIs and minimize the user's time investment. As a result, small business owners could more effectively find related keywords to use with their websites to increase yields from customer search results.

EXPERIENCE

Amazon

Nov. 2019 – Present

Seasonal Associate

- Operated equipment to sort and transport 1000s of packages safely and efficiently.

CSUF, Department of Computer Science

Sept. 2014 – Dec. 2015

Student Assistant

- Maintained computer lab equipment including 60+ Windows and Linux workstations which support 100s of daily users.

EDUCATION

California State University, Fullerton

August 2018

Master of Science, Software Engineering

- Courses: Advanced Software Process, Modern Software Management, Software Verification and Validation

California State University, Fullerton

January 2016

Bachelor of Science, Computer Science

GPA: 3.66

- Honors: Magna Cum Laude, Dean's List (Fall 2013, Spring 2014, Fall 2015)