

KARAN GOEL

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WORK EXPERIENCE

SSW TECH SERVICES, UW | COMPUTER LAB CONSULTANT

SEPTEMBER 2013 – PRESENT | SEATTLE, WA

- Provided assistance and training to faculty, staff and students on software and hardware, both through one-on-one tutorials and by conducting workshops.
- Assisted with tasks related to the distribution of computing equipment and the rendering of services related to computing, including inventory and other administrative tasks related computing and media services in the School.

INFORMATION SCHOOL, UW | RESEARCH ASSISTANT

AUGUST 2012 – AUGUST 2013 | SEATTLE, WA

- Using Python, ran statistical tests on data and visualized it that helped understand how spammers source email addresses, & how we can prevent spam.

VALYOO TECHNOLOGIES | DATA ANALYSIS INTERN

JUNE - AUGUST 2013 | DELHI, INDIA

- Trained staff to use newly installed tablets across operations to bring deviation in orders processed down by 50%.
- Using Tableau, prepared automated reports to monitor operations, which helped bring the median order processing time from 11+ hours to 4 hours.

COMPUTER SCIENCE, UW | RESEARCH ASSISTANT

JANUARY - APRIL 2013 | SEATTLE, WA

- Wrote code in Java and Python to parse raw data from mTurk campaigns, and to visualize the collected data that helped understand the structure of jokes.

INDIVIDUAL PROJECTS

100+ PROJECTS | PYTHON

A collection of hundreds of practical, language-agnostic projects that anyone can complete. Became one of the top repos on GitHub within two weeks of creation with 3.5k+ stars. Solving these in Python.

TPB API | PYTHON

Created an unofficial Python API for the biggest P2P website. Works by scraping and slicing HTML and building objects that client can use.

HACKER NEWS API | PYTHON

Created an unofficial Python API for Hacker News that scrapes and slices HTML pages and builds objects for client to use.

REDDIT SCRIPTS | PYTHON

- RedditAgain – Automates migrating a Reddit account to a new one.
- Tech Poster – Scrapes HuffPo RSS feed, and posts latest news to /r/technology.
- NobodyDoesThis – Reddit bot that scans 3 day-old /r/DoesAnybodyElse posts with 0 score and then comments "Nope, it's just you."

JREDDIT | JAVA

Took over and completed abandoned Java wrapper for Reddit API.

MOODIC PLAYER | JAVA

Created an app in Java that uses last.fm API to create a music playlist based on user's mood.

YET ANOTHER LEARNING TOOL | JAVA

Created a minimal flashcard-based learning tool in Java that helps people learn simple facts easily.

EDUCATION

UNIVERSITY OF WASHINGTON

Seattle, WA | Expected Jan 2016

BS in Computer Science | GPA: 3.60

Annual Dean's List – 2012-2013

Coursework (Quarter/GPA):

Intro to Programming I – 3.4

Intro to Programming II – 3.6

Foundations of Computing I – Au 13

HW/SW Interface (Au 13)

Software Design (Wi 14)

Data Abstractions (Wi 14)

Foundations of Computing II – Sp 14

Programming Languages (Sp 14)

Intro to Data Management (Sp 14)

SKILLS

Languages: Python | Java | SQL

Frameworks: Django | webapp2

Platforms: Heroku | Google App Engine

Technologies: Git | Vim | Unix | Tableau

OTHER EXPERIENCE

SUDO SOLDIERS | PRESIDENT

OCT 2013 - PRESENT | SEATTLE, WA

- Started UW's first CSE-only programming club that hosts weekly coding meetups.

- Gave presentations related to technical topics like git, Python etc.

HACKATHONS

- GiveCamp** (Au 13): Built an open-source email marketing system for TimeBanks (NPO) using Python as backend.

MASHGEEK.COM | BLOGGER

MAY 2011 - PRESENT | SEATTLE, WA

- Designed and coded theme for WordPress-based site.

- Currently write and proofread content to be posted.

FREELANCE | SEO

MAY 2010 - JULY 2012 | DELHI, INDIA

- Worked with over 100 clients, helped get their search engine rankings to page 1 of Google with a 70% success rate.

- Cleaned up backlink profiles of clients' websites, recovered them from search engine penalties.