Ravishdeep Singh

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EDUCATION

Bachelor's of Science in Computer Science   June 2020 (expected)
University of California, Davis   *Davis, CA*
GPA: 3.685/4.0

Relevant Coursework
Data Structures and Algorithms, Algorithms Design and Analysis, Object Oriented Programming,
Introduction to Public Speaking, Technical Writing, Statistical Data Science

SKILLS

Programming Languages:	Expert: Python,
	Intermediate: Go, C++, C, Lisp
	Beginner: HTML, CSS, Matlab, R, SQL, JavaScript, LaTex
Technology/Environment:	Linux, MacOs, Ubuntu, MySql, PostgreSql, Git, Docker
Soft Skills:	Leadership, Positive Attitude, Time Management,
	Public Speaking

EXPERIENCE

Research Assistant   May 2018 - Present
UC Davis, Graduate School of Management   *Davis, CA*
- Maintain the future update of the GOSM (Grid Operations Scenario Maker) software package, which is used to generate probabilistic scenarios for renewable energy power generators.
- Implement a more efficient testing method by adding APIs and unit-tests to the codebase.
- Create solutions by using object oriented programming and unit-tests to produce scenarios while reading and analyzing multiple solar generator data inputs.
- Construct interface for scenarios produced by GOSM to communicate with mathematical optimization software.

PROJECTS

Weekly Drop   June 2018 - August 2018
- Built website using a Django web framework, coding the backend in Python, and using the Postgresql as the backend database.
- Uses the Spotify and Reddit APIs to provide newly generated Spotify Web Players for new albums when they releases every week based on which albums are trending on Reddit

Lisp in Go   August 2018
- Implemented a version of the Lisp programming language by programming the interface using Go and a third party Go parser.

ACTIVITIES

Finance Associate   September 2018 - Present
SacHacks   *Davis, CA*
- Maintain sponsorship deals with vendors for Sacramento's first collegiate hackathon
- Build new relationships with potential sponsors such as Micron, Wikimedia, and Yelp