

Kevin Omidvaran

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Education

Master of Science in Computer Science Expected December 2019

University of California, Irvine, GPA 4.0

Bachelor of Science in Computer Science, minor in Economics May 2018

University of New Mexico, Albuquerque, New Mexico, GPA 3.86

- Academic Honors
Dean's List (6 semesters), Recipient of the Van Dyke Computer Science Scholarship Fall 2015 and Spring 2016, NSF STEP participant, UNM Scholars Scholarship

Technical Skills

Advanced Java, Advanced Python, Intermediate SQL, Intermediate Haskell, Intermediate C, Intermediate Matlab

Technical Experience

University of New Mexico, Albuquerque, New Mexico

Research Assistant

May 2017 - May 2018

- Received funding from the National Science Foundation's Research Experience Undergraduate.
- Simulated the Twitter Social Graph, using Python and MPI. Used Bokeh data visualization tool and Gephi to analyze the graph.

Promptlink Communications, Oceanside, California

Software Engineering Intern

May 2016 - August 2016

- Designed and developed an acceptance-testing wizard to speed up the process of quality assurance testing.
- Experimented with different automation tools such as pyautogui, and sikulix.
- Worked alongside members of the quality assurance team to build wizard to their specifications.

Projects

Elevator Simulation, <https://github.com/clfm/Elevator>

- Designed and developed an elevator simulator. Focusing on the physical functions behind the graphic interface, specifically the cabin motion and the door controls. The elevator project was a team project in a software engineering class demonstrating agile development. This project was an exercise in both design and multi-threaded development.

Hokm(Rule), <https://github.com/omidkv/Hokm>

- Developed a terminal game based on a classic Persian card game. The main exercise for this project was in designing a computer player. The first iteration was simple in the decision making process while the second iteration uses a more in depth decision tree.

Additional Experience

Animator, Junior Youth Spiritual Empowerment Program

05/2012 - Present

Part Time Sales Associate, The Hat Zone

10/2013 - 12/2017