Samuel **Levin**

Software Engineer

San Francisco, California

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Skills

Most Proficient: Python (2&3)
Proficient: Java, JavaScript (Nodejs&Expressjs&EJS), LATEX, HTML/CSS (Bootstrap, Foundation)
Least Proficient: Reactjs, Lua, PSQL/MySQL, PHP, Android SDK, XML, Matlab, C/C++

Work Experience

V18Rentals | *San Francisco, CA*
Web Developer | *July - December 2017*
- Developed a front and middle end for a ecommerce site using an internal facing api
- Main technologies were React/Express/AJAX
- Created a client facing api using Expressjs, which fetched data from the internal facing api
- Used Reactjs for a simple but effective UI for renting sports equipment
- Worked on efficiency and simplicity to produce a usuable product that is simple and easy to deploy.

Microsoft | *Dublin, Ireland*
Intern Software Engineer | *Summer 2015*
- Shadowed dev teams in a group working on a CMS (content management service) for MSN news
- Main technologies were TypeScript/Angular/AJAX
- Single Page Angular-js site, that used a c# middle tier to deal with certs and calls to the Backend SQL database
- Worked on a local build of the site and have an accepted code merge onto the production branch of their TFS version control server

Projects

Sparse Decomposition Machine Learning Research, github.com/salevin/atari-psd | *Goucher*
Student Researcher | *2015 - PRESENT*
- Applied an unsupervised learning model trained to do machine vision to a video-game-playing neural network.
- Written in lua using the Torch machine learning framework. Used cutorch to run models on a GTX Titan graphics card.
- An adaptation of Google DeepMind's Atari-Q-Learner.
- Separated the original convolutional neural net into an unsupervised network and a fully connected network.

Climbing Club Web App, goucherclimbs.com | *Goucher*
Web Dev & Club President | *2016 - PRESENT*
- Had to schedule times to go climbing with many members who have varying schedules.
- With student credit, I used a Digital Ocean virtualized server to create a web app for scheduling.
- Created with nodejs, expressjs, ejs and bootstrap. It allows members to input their availability.

Education

Goucher College | *Baltimore, Maryland*
B.A. Computer Science Major, Mathematics Minor | *Aug. 2013 - May. 2017*
- Cumulative GPA: 3.59
- 5 Semesters on Deans List
- Awarded Alumni Merit Scholarship

Honors & Awards

Founding Chapter Member, Upsilon Pi Epsilon Honors Society
Mary Katherine Ekin Prize, Computer Science Department Award for Theoretical & Applied Work

Summary

New graduate with a Computer Science major and a Math minor. A dual citizen of the United States and Ireland. Worked in Ireland as an intern on a dev ops team at Microsoft Dublin. I run linux on all of my computers and have a couple-hundred-line vim config file. I love solving problems and enjoy challenging puzzles.