

Samuel Levin

SOFTWARE ENGINEER

San Francisco, California

☎ 415-572-7446 | ✉ samueljlevin@gmail.com | 🏠 www.samueljlevin.com | 📷 salevin | 🌐 salevin

Skills

Extensive Experience: Linux (Arch/Debian/Centos), Python (2&3)

Proficient: Java, JavaScript (Nodejs&Expressjs&EJS), LATEX, HTML/CSS (Bootstrap, Foundation)

Familiar: Reactjs, PSQL/MySQL, PHP, Android SDK, XML, Matlab, C/C++

Work Experience

Microsoft

INTERN SOFTWARE ENGINEER

Dublin

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

B.A. COMPUTER SCIENCE MAJOR, MATHEMATICS MINOR

Baltimore, Maryland

Aug. 2013 - May, 2017

- Cumulative GPA: 3.59
- 5 Semesters on Deans List
- Awarded Alumni Merit Scholarship

Honors & Awards

COLLEGE

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 lined vim config file. I love solving problems and enjoy challenging puzzles.