Samuel **Levin**

SOFTWARE ENGINEER

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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.

Work Experience

Microsoft   *Dublin*
INTERN SOFTWARE ENGINEER   *Summer 2015*

- Shadowed dev teams in a group working on a CMS (content management service) for MSN news
- Worked with 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

Skills

Extensive Experience: Linux (Arch/Debian/Centos), Python (2&3)
Proficient: Java, JavaScript (Nodejs&Expressjs&EJS), LATEX, HTML/CSS (Bootstrap, Foundation)
Familiar: Reactjs, PSQL, PHP, Android SDK, XML, Matlab, C/C++

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

COLLEGE

2017	**Founding Chapter Member**, Upsilon Pi Epsilon Honors Society	*Goucher College*
2017	**Mary Katherine Ekin Prize**, Computer Science Department Award for Theoretical & Applied Work	*Goucher College*

Projects

Sparse Decomposition Machine Learning Research   *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.

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 expressjs, ejs and bootstrap. It allows members to input their availability.