

Liam Kirsh

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Education

California Polytechnic State University – San Luis Obispo, CA Sep. 2013 – (expected) Jun. 2017

- Pursuing **Bachelor of Science, Computer Science**, with minor in French
- Overall GPA: 3.74 | Major GPA: 4.0 | Dean's List (All Quarters)
- Coursework: Cryptographic Engineering, Intro to Computer Organization, Systems Programming, Data Structures (Java)
- Clubs: White Hat (Cyber Security) Club, Entrepreneur Club, Free Culture Club (founder)

De Anza College: Middle College Program – Cupertino, CA Aug. 2012 – Jun. 2013

- Coursework: Data Structures (C), Intermediate Problem Solving in C

Technical Skills

Languages: Proficient in Java. Intermediate knowledge of C. Familiarity with Python and SQL.
OSes: Administrative proficiency in Windows and Mac.
Familiarity with the Linux development environment.
Hardware: Installation and troubleshooting of PC/laptop hardware.

Professional Experience

Intel Security (McAfee) – Santa Clara, CA Jun. – Sep. 2014

Information Technology Intern, Consumer/Mobile/Small Business DBA team

- Collaborated with engineers and architects across many teams to create a thorough diagram of all McAfee front-end applications and their back-end database infrastructures.
- Wrote a Python script for the Most Dangerous Celebrity press release to scrape web search sites and count the number of dangerous search results for each celebrity in a list. The results were republished in outlets such as The Huffington Post and NBC.
- Conducted a presentation for nearly 100 elementary school students on Internet safety and the importance of guarding one's personal information.

De Anza College CompTechS – Cupertino, CA Sep. 2012 – Jun. 2013

Intern

- Worked with other interns to refurbish used PCs for distribution to low-income students. Installed and troubleshooted hardware and software to prepare the PCs for release.

Quixey – Mountain View, CA Sep. 2011 – Feb. 2012

Quality Assurance (contractor)

- Performed quality assurance testing on natural language search engine algorithms.

Projects

Icebreaker – Cal Hacks 2014 October 2014

- Directed a team of developers and a designer in engineering an Android app in Java for inviting strangers in your vicinity to instant meetings. We employed Parse and Firebase for the back-end.

LZW File Compressor – Systems Programming course, Cal Poly May 2014

- Created a C program that maps fixed-bit codes to common character sequences in a text sample and generates a losslessly compressed copy.

Confide – LA Hacks 2014 April 2014

- Built a secure PGP-based email app for Android with a team of developers in Java. We established a distributed hash table of public keys and email addresses to facilitate fingerprint authentication.