JACK CHOU

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EDUCATION

2012-2016 *(expected)*	**University of California, Berkeley** B.S. ELECTRICAL ENGINEERING AND COMPUTER SCIENCE (EECS)	Berkeley, CA

- Regents and Chancellor's Scholarship candidate (top 2% of all UC Berkeley applicants)
- Member of Eta Kappa Nu (HKN) EECS honor society

2008-2012	**San Ysidro High School**	San Diego, CA

- Valedictorian of senior class (ranked 1st out of 546 students)

SELECTED COURSEWORK (* IN PROGRESS)

Data Structures, Efficient Algorithms and Intractable Problems, Software Engineering*, Computer Security, Database Systems*, Computer Architecture, Network Architecture and Protocols, Microelectronic Circuits, Systems and Signals

INTERESTS AND INVOLVEMENT

Software engineering (full stack), information security, GameDev , UI/UX design, Cal Band, BERKE1337 cyber defense team

SKILLS

Languages	Python **>** Java **>** C/C++ **>** LATEX **>** CSS3 **>** HTML5 **>** JavaScript **>** SQL **>** Ruby
Tools	Windows, Unix, Vim, Twitter Bootstrap, jQuery, Android SDK, IntelliJ IDEA, Microsoft Visual Studio, Ruby on Rails, Windows Sysinternals (Process Explorer, TCPView, Autoruns), Mutt, IRC, VMWare, VirtualBox, Apache Hadoop, Wireshark, Nessus, Metasploit, Nmap/Netcat, SSH/PuTTY, PGP, WinSCP, Scapy

EXPERIENCE

Aug 2013- *present*	**Information Security Engineer** UC BERKELEY STUDENT AFFAIRS – INFORMATION TECHNOLOGIES

- Respond to, resolve, and investigate network security incidents to protect restricted hosts and data.
- Spearhead development for internal tools and web/mobile applications projects focused on security.
- Proactively and regularly scan hosts connected to the UC Berkeley network for vulnerabilities.
- Train and educate employees and students by holding workshops on security-related topics.
- Perform host and code audits to minimize system and application vulnerabilities across campus.

Jan 2013- *present*	**Public Relations Director** INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) – 2013 BEST ENGINEERING STUDENT ORGANIZATION

- Broadcast and shape the public image of the IEEE Berkeley student branch across all forms of media.
- Facilitate tech talks and info sessions by boosting industry presence through social media platforms.

May 2013- *Aug 2013*	**Residential Computing Consultant** UC BERKELEY RESIDENTIAL COMPUTING – 1 OF 15 NEW HIRES OUT OF 300+ APPLICANTS

- Provided network, software, and hardware support for over 8,000 UC Berkeley residents.

SELECTED PROJECTS (SEE ALL PROJECTS AT jschou.github.io)

July 2014- *present*	**SecureMe** SECURITY CHECKLIST FOR ANDROID DEVICES. JAVA – ANDROID SDK – ANDROID STUDIO

- Automagically helps users securely configure their Android 2.2+ device settings.
- Provides straightforward security tips and guidelines for mobile security best practices.

Nov 2013- *Apr 2014*	**bwReport** CISCO NETFLOW BANDWIDTH REPORT GENERATOR. PYTHON – CISCO NETFLOW

- Internal tool for enabling quick, simple, and precise university resident bandwidth usage analysis.
- CLI for network usage statistics over Ethernet and RADIUS Accounting (RFC 2866) Wi-Fi sessions.

AWARDS AND HONORS

2012-present	- Recipient of the Berkeley Undergraduate Scholarship
2014	- Best Non-Profit Organization Hack – Hall of Time – Cal Blueprint Social Good Hackathon
2013	- Finalist for the Pacific Gas & Electric Bright Minds Scholarship
2012	- College of Engineering Dean's Honors List