

JACK CHOU

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EDUCATION

2012 - 2016 (expected)	University of California, Berkeley B.S. ELECTRICAL ENGINEERING AND COMPUTER SCIENCE (EECS) <ul style="list-style-type: none">Regents and Chancellor's Scholarship candidate (top 2% of all UC Berkeley applicants)Member of Eta Kappa Nu (HKN) EECS honor society	Berkeley, CA
2008 - 2012	San Ysidro High School Valedictorian	San Diego, CA

SELECTED ACADEMIC COURSEWORK (* in progress)

Data Structures	Computer Security	Computer Architecture
Efficient Algorithms	Networking Architecture & Protocols	Microelectronic Circuits
Software Engineering*	Database Systems*	Systems and Signals

SKILLS

Languages	Python > Java > C/C++ > L ^A T _E X > CSS3 > HTML5 > JavaScript > SQL > Ruby > Scala
Tools	Environments: Windows, Linux, Vim, Android SDK, IntelliJ IDEA, Microsoft Visual Studio, VMware, VirtualBox Frameworks & libraries: Apache Hadoop MapReduce, Apache Spark, Ruby on Rails, Twitter Bootstrap Security & networking: Wireshark, Nessus, Snort, Metasploit, Kali Linux, Nmap/Netcat, SSH/PuTTY, GPG, Scapy, Windows Sysinternals (Process Explorer, TCPView, Autoruns), Lynis, Acunetix, John the Ripper

EXPERIENCE

Aug 2013 - present	UC Berkeley SA Information Technologies Lead Security Engineer (Dec 2014 - present) Security Engineer (Aug 2013 - Dec 2014) <ul style="list-style-type: none">Spearhead engineering of web/mobile applications projects and internal tools focused on security.Perform code reviews and system audits to minimize security vulnerabilities throughout campus.Train and educate employees and students by holding workshops on security-related topics.Work directly with UC Berkeley's CSO to build a sense of teamwork and cooperation throughout SAIT.Respond to, resolve, and investigate network security incidents to protect restricted hosts and data.
Jan 2013 - Present	BERKE1337 Cyber Security Team Core Team Member - 1 st place at the Western Regional Collegiate Cyber Defense Competition <ul style="list-style-type: none">Defend vulnerable networks from attackers while maintaining critical services.Facilitate teamwork by delegating tasks, mediating conflicts, and keeping all team members focused.
May 2013 - Aug 2013	UC Berkeley SA Information Technologies Residential Computing Consultant - 1 of 15 new hires out of 300+ applicants <ul style="list-style-type: none">Provided network, software, and hardware support for over 8,000 UC Berkeley residents.

SELECTED PROJECTS (see full list of projects at jschou.github.io)

July 2014 - present	SecureMe Simple security diagnostic checklist for Android devices. Java - Android SDK - Android Studio <ul style="list-style-type: none">Automagically helps users securely configure device settings across all Android versions.Provides straightforward security tips and guidelines for mobile security best practices.
Nov 2013 - Apr 2014	bwReport Cisco NetFlow bandwidth report generator. Python - Cisco NetFlow <ul style="list-style-type: none">Internal tool for enabling quick, simple, and precise bandwidth usage analysis.Network usage statistics CLI over Ethernet and RADIUS Accounting (RFC 2866) Wi-Fi sessions.

AWARDS AND HONORS

2012 - present	Recipient of the Berkeley Undergraduate Scholarship
2015	2 nd place winner (SecureMe) of the 2015 UC Berkeley campus-wide mobile app competition
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