

# CHRISTOPHER NGO

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## SKILLS

**LINUX:** AWK, BASH,  
CIFS/SMBFS, GIT, NFS,  
PXE, RAID, REGEX, ZSH

**NETWORK:** Cisco IOS,  
Firebug, OSI Model,  
Routing, Switching,  
Subnetting, Wireshark

**SECURITY:** ACL, BURP,  
CAINE, EnCase, Fiddler,  
FTK, IDS/IPS, Kali,  
Metasploit, Nessus,  
Nexpose, Nmap, OWASP

**VIRTUAL:** VirtualBox,  
VMware Player, vSphere  
ESXI, Workstation

**WEB:** Flask, HTML/CSS,  
JavaScript, jQuery, LAMP  
Stack, MEAN Stack

## HONORS

Top 5% of RITx  
Computer Forensics  
(21,680 Students)

Winner of Stanford  
Security TreeCTF 2018

Winner of Stanford  
Hackathon 2018

Winner of WWC  
Hackathon 2017

Winner of Silicon Valley  
Hackathon 2016

Winner of HackingEDU  
Hackathon 2015

## EDUCATION

Rochester Institute of  
Technology (RITx)  
Cybersecurity

42 University  
Computer Science

Mission College  
Ethical Hacking

## PROFESSIONAL EXPERIENCES

**Principal Consultant** ingochristech May 2017 - Present

- Consultant for hardware and software engineering, hacking, and training projects
- Lead on-site development workshops and speaking engagements for 2,000+ hackers
- Named Top 15 Pentesters in Nation 2017 (*MIT Cambridge2Cambridge*)
- Security penetration testing and computer forensics in U.S. and U.K.

**Senior Test Engineer (Server NPI & Sustaining)** Quanta Jul 2015 - May 2017

- Designed and managed 40GbE/100GbE lab networks powered by *Arista EOS, Cisco IOS, Delta ONIE, Facebook/OCF FBOSS, Juniper Junos OS, and Palo Alto Networks Firewalls*
- Developed and released software suites for integrated L10-L11 rack server system and network tests in BASH, C, Perl, Python, SQL, and TTL (white-box)
- Projects: *Amazon AWS, EMC VxRail, Facebook CDN, Microsoft Azure/Bing, Open Compute Project, QCT STRATOS, QuantaGrid, QuantaPlex, QxStack VMware EVO SDDC*
- Wrote Linux automation programs for server mass-production tests and firmware flash: BIOS, BMC, CMC, FRU, HDD, Intel ME, NIC, RAID, SSD, TPM

**Intern** Violin Memory Oct 2013 - Jun 2014

- Built and administrated *Salesforce* CRM and company knowledge base
- Configured Callhome for customer and internal systems through Secure Shell Protocol
- Spearheaded data migration project from *Google Cloud* to *Microsoft SharePoint* server

## NON-PROFIT BOARD ROLES AND AFFILIATIONS

**Board Director** SiliconHacks Dec 2016 - Present

- Advise and lead flagship product concept direction and execution
- Liaison with corporate partners and manage collaborations with third-party engineers

**Technical Director** Spectra Dec 2015 - Jul 2017

- Built registration back-end on *Airtable, Typeform, and Google Drive/Sheets* APIs
- Implemented and managed customer support chat/ticket system with *Slack* API
- Mentored teams on development, growth hacking, and pitches/presentations

**Technical Director** HackingEDU Oct 2015 - Dec 2016

- Facilitated engineering and outreach teams of company partners
- Led development, support, and test of *hackingedu.co* site
- Mentored teams on product design and development

**Hacker Workshop Lead Consultant** Make School 2017 - Present

- Teach iOS and advise hardware/software engineering projects for hacker students

**Stanford University Coordinator** Hackathon Hackers 2014 - 2018

- Led Stanford hackathon hackers to in-state competitions

**Champion (Remote Developer Evangelist)** Clarifai 2016 - 2016

- Deep learning API integration, public speaking, and technical writing

**Hardware Programming Ambassador** Hackster.io 2016 - 2016

- Taught hardware programming with Arduino microcontrollers

**Research Scholar (Privacy and Security)** Stanford University 2015 - 2016

- Contributed to privacy research talks on machine learning/natural language processing

## TECHNICAL CERTIFICATES

**CCNA Cyber Ops SECOPS**  
Cisco Networks

**Computer Forensics**  
Rochester Institute of Technology

**MongoDB Python Developer**  
MongoDB University

**Metasploit**  
CybraryIT

**Network Security**  
Rochester Institute of Technology

**SQL Relational Databases**  
Stanford University