

# Daniel P. Wong

Castro Valley, CA & San Luis Obispo, CA

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## Education

### Cal Poly - SLO

San Luis Obispo, California

B.S. IN COMPUTER SCIENCE IN MAJOR GPA: 3.50

Expected: Jun. 2019

- Involvement: Dean's List 2015/2017, White Hat Security Club, Computer Engineering Society

## Experience

### Sentient Energy

Santa Clara, California

SOFTWARE ENGINEER IN TEST INTERN, AUTOMATION

Jun. 2017 - Sep. 2017

- Designed and implemented a framework using Selenium to Automate UI Testing
- Developed more efficient scripts to reduce the run time for building a debugging classifier by 20%

### Microcon

San Luis Obispo, California

FULL STACK ENGINEER

Sep. 2016 - Jun. 2017

- Designed the frontend and backend of the Panera Employee Portal to allow Panera employees to update their information
- Developed complex SQL scripts to efficiently query the database with maximum code reusability
- Integrated the Employee Portal with eHRSuite to synchronize all data and information about the employees
- Reduced redundancies in the backend of the platform to increase scalability for the increasing number of clients

## Personal Projects

### Text File Compression

San Luis Obispo, California

SOLO

Oct. 2016 - Nov. 2016

- Implemented Huffman Coding to compress text files in Java and C
- Designed complimentary encoding program to compress files into characters to serve an educational purpose for those learning how compression works
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## Skills

**Programming** Python, C/C++, Scala, JAVA, Node.JS, OCaml, LaTeX  
**Web** Django with Python, Express with Node.JS, HTML5, LESS  
**Languages** Korean, English, Japanese, Chinese

## Extracurricular Activity

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### B10S (B1t On the Security, Underground hacker team)

S.Korea

CORE MEMBER

Nov. 2011 - PRESENT

- Gained expertise in penetration testing areas, especially targeted on web application and software.
- Participated on a lot of hacking competition and won a good award.
- Held several hacking competitions non-profit, just for fun.

### WiseGuys (Hacking & Security research group)

S.Korea

MEMBER

Jun. 2012 - PRESENT

- Gained expertise in hardware hacking areas from penetration testing on several devices including wireless router, smartphone, CCTV and set-top box.
- Trained wannabe hacker about hacking technique from basic to advanced and ethics for white hackers by hosting annual Hacking Camp.

### PoApper (Developers' Network of POSTECH)

Pohang, S.Korea

CORE MEMBER & PRESIDENT AT 2013

Jun. 2010 - PRESENT

- Reformed the society focusing on software engineering and building network on and off campus.
- Proposed various marketing and network activities to raise awareness.

### PLUS (Laboratory for UNIX Security in POSTECH)

Pohang, S.Korea

MEMBER

Sep. 2010 - Oct. 2011

- Gained expertise in hacking & security areas, especially about internal of operating system based on UNIX and several exploit techniques.
- Participated on several hacking competition and won a good award.
- Conducted periodic security checks on overall IT system as a member of POSTECH CERT.
- Conducted penetration testing commissioned by national agency and corporation.

### MSSA (Management Strategy Club of POSTECH)

Pohang, S.Korea

MEMBER

Sep. 2013 - PRESENT

- Gained knowledge about several business field like Management, Strategy, Financial and marketing from group study.
- Gained expertise in business strategy areas and insight for various industry from weekly industry analysis session.

## Honors & Awards

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### INTERNATIONAL

2014	<b>Finalist</b> , DEFCON 22nd CTF Hacking Competition World Final	Las Vegas, U.S.A
2013	<b>Finalist</b> , DEFCON 21st CTF Hacking Competition World Final	Las Vegas, U.S.A
2011	<b>Finalist</b> , DEFCON 19th CTF Hacking Competition World Final	Las Vegas, U.S.A
2012	<b>6th Place</b> , SECUINSIDE Hacking Competition World Final	Seoul, S.Korea

### DOMESTIC

2015	<b>3rd Place</b> , WITHCON Hacking Competition Final	Seoul, S.Korea
2013	<b>Silver Prize</b> , KISA HDCON Hacking Competition Final	Seoul, S.Korea
2013	<b>2nd Award</b> , HUST Hacking Festival	S.Korea
2010	<b>3rd Award</b> , HUST Hacking Festival	S.Korea
2012	<b>3rd Award</b> , Holyshield 3rd Hacking Festival	S.Korea
2011	<b>2nd Award</b> , Holyshield 3rd Hacking Festival	S.Korea
2011	<b>5th Place</b> , PADOCON Hacking Competition Final	Seoul, S.Korea

## Presentation

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### 6th CodeEngn (Reverse Engineering Conference)

Seoul, S.Korea

PRESENTER FOR <DEFCON 20TH : THE WAY TO GO TO LAS VEGAS>

Jul. 2012

- Introduced CTF (Capture the Flag) hacking competition and advanced techniques and strategy for CTF

### 6th Hacking Camp - S.Korea

S.Korea

PRESENTER FOR <METASPLOIT 101>

Sep. 2012

- Introduced basic procedure for penetration testing and how to use Metasploit

## Writing

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### A Guide for Developers in Start-up

FOUNDER & WRITER

- Drafted daily news for developers in Korea about IT technologies, issues about start-up.

*Facebook Page*

*Jan. 2015 - PRESENT*

### AhnLab

UNDERGRADUATE STUDENT REPORTER

- Drafted reports about IT trends and Security issues on AhnLab Company magazine.

*S.Korea*

*Oct. 2012 - Jul. 2013*

## Program Committees

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2013 **Organizer & Co-director**, 1st POSTECH Hackathon

*S.Korea*

2012 **Staff**, 7th Hacking Camp

*S.Korea*

2012 **Problem Writer**, 1st Hoseo University Teenager Hacking Competition

*S.Korea*

2012 **Staff & Problem Writer**, JFF(Just for Fun) Hacking Competition

*S.Korea*