

# Jake Vossen

COLORADO SCHOOL OF MINES CLASS OF 2022, B.S. COMPUTER SCIENCE

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## Education

### Colorado School of Mines

B.S. COMPUTER SCIENCE

Golden, Colorado

August 2018 - May 2022

- Overall GPA: 3.0
- Relevant Coursework: Intro to Computer Science (Python), Data Structures (C++)

### Valor Christian High School

CUM LAUDE

Highlands Ranch, Colorado

August 2014 - May 2018

- Overall GPA: 3.76
- Relevant Coursework: Intro to Computer Science (Python), Data Structures (C++)

## Employment

### Nextworld LLC

ASSOCIATE SOFTWARE ENGINEER

Denver Tech Center

Summer 2018

- Used Rest APIs and cloud services to implement endpoints to next generation enterprise software
- Experienced Agile Scrum development for mission-critical solutions

### Jake Vossen LLC

FOUNDER

- Developed and implement cloud solutions, web hosting, and app development as a contractor

### Valor Christian High School

IT INTERN

Highlands Ranch, Colorado

September 2015 - May 2018

- Managing 550 Apple devices, from hardware maintenance to software deployment and assisted in network configuration in a Jamf JSS environment
- Assisted in budget approval and project management
- Coding scripts and programs to develop automated solutions for the school
- Migrated on premise servers to cloud based solutions

## Honors & Awards

### INTERNATIONAL

2018	<b>Finalist</b> , DEFCON 26th CTF Hacking Competition World Final	Las Vegas, U.S.A
2017	<b>Finalist</b> , DEFCON 25th CTF Hacking Competition World Final	Las Vegas, U.S.A
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

### DOMESTIC

2015	<b>3rd Place</b> , WITHCON Hacking Competition Final	Seoul, S.Korea
2017	<b>Silver Prize</b> , KISA HDCON Hacking Competition Final	Seoul, S.Korea
2013	<b>Silver Prize</b> , KISA HDCON Hacking Competition Final	Seoul, S.Korea

## Presentation

### DevFest Seoul by Google Developer Group Korea

PRESENTER FOR <HOSTING WEB APPLICATION FOR FREE UTILIZING GITHUB, NETLIFY AND CLOUDFLARE>

Seoul, S.Korea

Nov. 2017

- Introduced the history of web technology and the JAM stack which is for the modern web application development.
- Introduced how to freely host the web application with high performance utilizing global CDN services.

### 6th CodeEngn (Reverse Engineering Conference)

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

Seoul, S.Korea

Jul. 2012

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

## 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*

## Program Committees

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2016 **Problem Writer**, 2016 CODEGATE Hacking Competition World Final

*S.Korea*

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

*S.Korea*

## Extracurricular Activity

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### PoApper (Developers' Network of POSTECH)

CORE MEMBER & PRESIDENT AT 2013

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

*Pohang, S.Korea*

*Jun. 2010 - Jun. 2017*

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

MEMBER

- 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.

*Pohang, S.Korea*

*Sep. 2010 - Oct. 2011*