


# Jae Cho


Software Developer

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 <https://github.com/cjp0116>

## Professional Work Experience

- Jun, 2018 - Present

**Network Systems Admin**  
Samsung Electronics America

Troubleshoot issues with DHCP, DNS, SSH, and VPN.

Creating an frontend webpage utilizing **React** in order to capitalize it's Virtual DOM for fast rendering, which allowed technicians to view critical server informations, as well as dispatch actions through the GUI. Ultimately increasing 30% in incident response time.

Wrote technical documentation, to include service manuals, configurations, site proprietary information, and guides for other technicians to refer to.
- Aug, 2016 - Apr, 2018

**Data System Administrator**  
United States Marine Corps

Provided systems administrations support for a myriad of computer and network operating systems including Linux, Microsoft, and Unix enabling command and control.

Performed server and workstation upgrades, system backups, and recovery procedures, closely following SOPs to ensure system security.

Maintained network infrastructure security by configuring Cisco ASA firewalls, and implemented security practices on routers and switches.

## Projects

1. HappyMinusOne

<http://happyminusone.com/>

- Social media site revolving around fashion and beauty. Some available features include - posting pictures, videos, comments, likes, hashtags, posts, tagging friends, adjusting user privacy settings, and an admin dashboard allowing full CRUD of all tables alongside reviewing site statistics.
  - Technologies Utilized: PHP, JavaScript, LESS, CSS, HTML, Redis, MySQL, Apache
2. LETS

[descriptive-jellyfish.surge.sh](https://descriptive-jellyfish.surge.sh)

- Created a social media site featured with CRUD of friend-request, posts, photos, comments, likes, comment-likes, goals, calendar-events, real-time messages, and real-time notifications.
  - Implemented responsive design using Flexbox, Material-ui, and Reactstrap.
  - Technologies Utilized : React.js, Express.js, socket-io, JavaScript, Postgresql, and SCSS
3. AllRecipes

<https://evening-anchorage-37505.herokuapp.com/>

- Created a social recipe searching site, allowing users to follow, like comment, on ther users' recipe posts.
  - Implemented responsive design using flexbox and Bootstrap.
  - Technologies Utilized : Python, Flask, HTML/Jinja, PostgreSQL, SQLAlchemy, and Git.

## Technical Skills

- Languages:

JavaScript, Python, PHP
- Front end Web:

HTML5, CSS3, SASS, React.js, Redux, and Webpack
- Backend:

Flask, Node.js, Express.js, SQL, REST API, Micro-services, Docker
- Concepts:

Object Oriented Design, Test Driven Development, Continuous Integration, Agile Development, Scalable Architecture
- Cloud:

Heroku, Google App Engine, Serverless Architecture
- Testing:

Jasmine, Jest, Mocha
- Databases:

Postgresql, MySQL, MongoDB, and Redis

## Education

- University of California San Diego (UCSD)

B.S Computer Science
- Springboard

- 800+ hours of hands-on course material for full-stack development.
  - Mastered skills in web development, back-end development, databases, and data-structures and algorithms
- Certifications

- CompTIA Security+
  - Cisco Certified Network Associate (CCNA)
  - Cisco Certified Network Associate Security (CCNA Security)
- Foreign Language Fluency

Fluent in English and Korean.

## Hobbies

- Weightlifting
- Painting