

# Tae Gyu Leem

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## SUMMARY OF EXPERTISE

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- Solid understanding of object-oriented programming
- Solid understanding of system design patterns and API
- Strong knowledge and practical end to end experience to build a large scale **MERN** stack application.

## EXPERIENCE

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### VEEH

*San Mateo, CA*

#### Software Engineer

*Oct. 2017 – Present*

*Veeh is an Alchemist Accelerator-backed B2B marketplace with \$40,000+ monthly transactions which helps advertisers to hyper-target audiences through local businesses*

- Worked directly with founders as employee #1
- Solely built and launched entire front-end for fully responsive web application (**React/Redux**)
- Converted client side rendering to server side rendering and improved **SEO** results and social sharing by updating metadata dynamically
- Implemented and optimized inventory status algorithm that improved search results response time 44%
- Leveraged **Next.JS/MongoDB** to rapidly build internal administrator tool to manage inquiries and campaigns
- Launched machine learning based camera sensor device for audience demographic analytics and improved object detection performance by 50% through integration of TPU accelerator (**Raspberry Pi/TensorFlow**)
- Classified images and trained TensorFlow-Lite models for age and gender detection
- Developed and designed API with consistently named endpoints and behavior (**Django REST/PostgreSQL**)
- Managed deployment, database backup and migration

## EDUCATION

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### HACK REACTOR

*San Francisco, CA*

Computer Science fundamentals, System Architecture Design, Database and deployment technologies

### DAELIM UNIVERSITY

*Republic of Korea*

Bachelor of Science in Mechanical Engineering

## SKILLS

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### Programming

Javascript, Python, HTML & CSS, SQL

### Framework

Redux, React-Native, Next.JS, Node/Express, Django REST, Bootstrap, TensorFlow, Expo

### Libraries/API

React-Helmet, Moment.JS, Socket.IO, Axios

### Storage

PostgreSQL, MySQL, MongoDB, AWS S3

## STRENGTHS

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- Always strives to deliver the best work within estimated timeline or deadline
- Team player, work well independently and in multi-group cross-discipline environments
- Professional teppanyaki chef for 8+ years
- Retired sergeant/squad leader of Republic of Korea Army, 20th Mechanized Infantry Division