Tae Gyu Leem

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SUMMARY OF EXPERTISE

- Strong knowledge and practical end to end experience to build a large scale **MERN** stack application.
- Solid understanding of system design patterns, debugging and optimization

EXPERIENCE

VEEH WWW.VEEH.CO   *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 to 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

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

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

- 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