Giwoo Lee

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Front End / Full Stack Engineer

6+ years advancing in the IT industry as a **Web Application and Solutions Engineer** in developing web applications for B2C applications. Shaped products using Data Engineering with BI, Mainframes (batch processing), and Web/Mobile development.

Enthusiast about **Code Design Patterns**, **Rich Web/Native UX**, **Web App Performance,** and **Machine Learning.**

Technical Skills

Main programing languages:	JavaScript, Python.
Database:	Firebase, MySQL, MongoDB, GraphQL.
Back End Frameworks/Libraries:	NodeJS-Express, Python-Django
Front End Frameworks/Libraries:	ES6/Next, Webpack, SVG, SCSS, Responsive Design, React, Redux, WebSocket.
Testing Frameworks/Libraries:	Jest, Mocha.
Dev Ops:	Git, Docker, Kubernetes, CircleCI, AWS, Google Cloud Platform.

Work Experience

Udacity - *Mentor Front End Nanodegree (Remote)*   Feb 2019-Today

Mentor Front End dev students on a weekly and daily basis over video and slack on completing their courses.
Main focus in Advanced JavaScript, Design Patterns, and CSS (Responsiveness, Modularity).

FSU iSchool - *Research Assistant*   Tallahassee, FL, USA | Aug 2019-Aug 2020 (1 Year)

Research on Machine Learning and Natural Language Processing (NLP).
Application development of Online Polygraph for experimental studies and data collection purposes.
Advisor: Prof. PhD. Shuyuan Mary Ho

Rocky Robots - *Software Engineer (Remote)*   Munich, Germany | Sep *2018-July 2019 (10 Months)*

Design and development of German startup's mobile app Rocky AI "Accountability Assistant" incubated at TechStars in Munich, Germany. Deployed both iOS/Android app with React Native, Firebase, NodeJS and Python.

Proof Suite - *Front End Developer (Contractor)*   Seoul, South Korea | Feb *2018-July 2018 (6 months)*

Led the concept and full UI/Front implementation of crypto currency trading and analysis platform, namely AVOCADO.
Deployed application's front-end with React, Redux, Webpack, Stockcharts, D3.js, Socket.io

Marshall Goldsmith SCC - *Front End Developer*   Seoul, South Korea | *Jan 2017-Mar 2018 (1 year 1 month)*

Led Marshall's "Leadership Growth" reviewer platform development used as a catalyst for executive coaches to migrate their support material to the web with stack consisted of PHP, Laravel, React, Javascript, Webpack, SASS.

Makestar - *Front End Developer (Contractor)*   Seoul, South Korea | *May 2017-Nov 2017 (6 months)*

Revamped the UI and optimized the usability and performance for the KPOP Global Crowdfunding website.

SAP Labs Korea - *Front End Developer Internship*   Seoul, South Korea | *Aug 2015-Feb 2016 (6 months)*

Led web app's UI/UX concept and implementation in conjoint work with the QA (Quality Assurance) and Development department.
Deployed app to expedite Hana Database crash report analysis previously done in 3 days to be done in 1 day.

FNC Inc. - *Software Developer Internship*   Oxford, MS, USA | *Jun 2013-May 2014 (1 year)*

Provided support on home appraisal web application built over C#/.Net, TFS, SQL Server, and KnockoutJS.

Amdocs - *System Analyst Internship*   Sao Paulo, SP, Brazil | *Apr 2011-May 2012 (1 year)*

Implemented and maintained billing services for Claro Brazil Telecom.
Deployed services and fixes in COBOL and C in mainframe for batch invoice processing.

Technolab Corp. - *BI Consultant Internship*   Sao Paulo, SP, Brazil | *Sep 2010-Mar 2011 (7 months)*

Data Engineer assisting full implementation of Oracle's BI solutions over DW, OLAP, ETL, and Database Administration.

Education

Florida State University- *Computer Science Courses focused on NLP + ML*   May 2020

Ajou University - *MSc Information Systems [Not completed]*   December 2017
(Full Scholarship - GPA 3.7/4.0)

University of Mississippi *- Visiting student at the CS department*   May 2012 - May 2013
(Full Scholarship funded by the Brazilian CAPES Program - GPA 3.5/4.0)

Faculdade Impacta de Tecnologia *- BSc Information Systems*   August 2009 - June 2014

Certification

Developing Application with Google Cloud Platform Specialization - Coursera   September 2018

Udacity - *React Nanodegree*   March 2018

Udacity - *Front End Nanodegree*   December 2017

Udacity - *Full Stack Nanodegree*   July 2017

Language

Portuguese (Brazil)	Fluent
English	Fluent
Korean	Fluent
Spanish	Intermediate