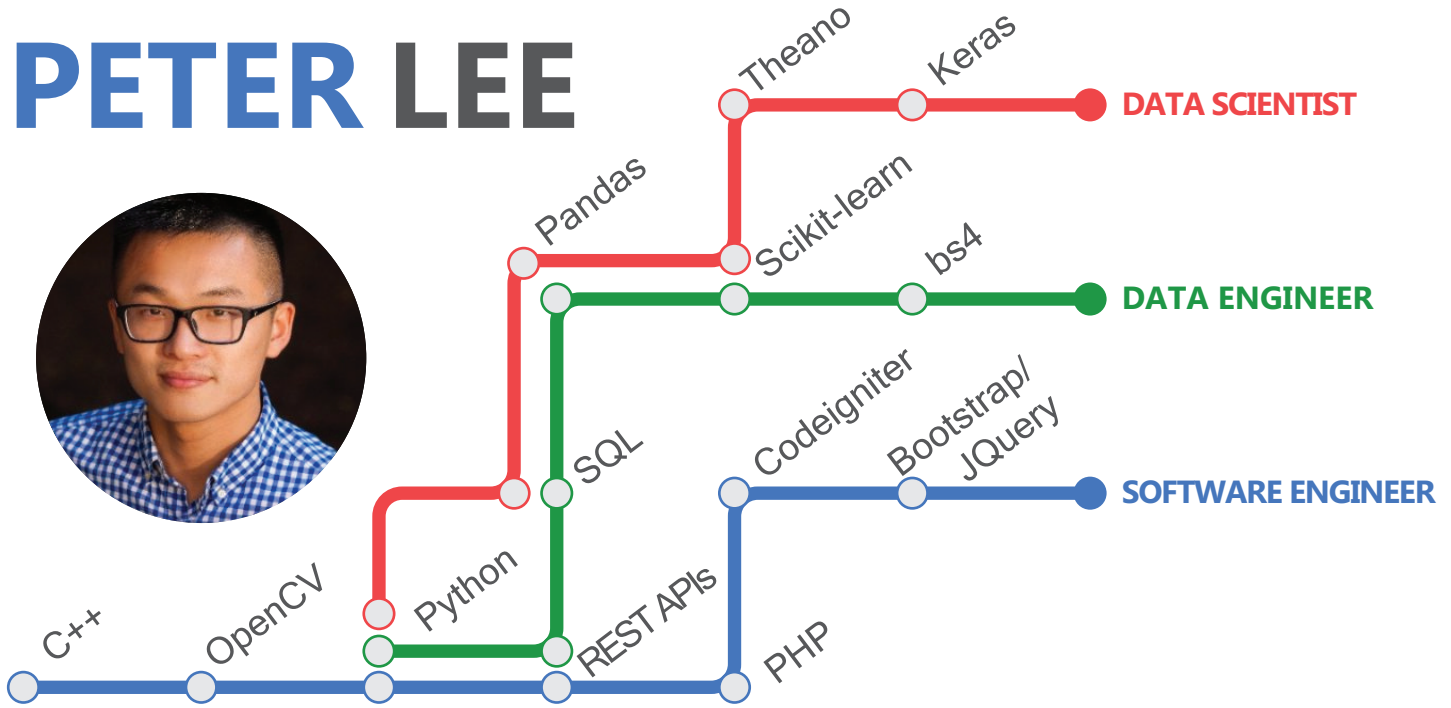


PETER LEE



CONTACT



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EXPERIENCES

SPARKAMPLIFY

DATA ENGINEER

2016 - 2017

- Query 3rd party data through their REST APIs
- Scrape unstructured raw data from the internet
- Process unstructured data with the knowledge of NLP and feature selection
- Design and maintain company's main relational database MySQL

SPARKAMPLIFY

FULL STACK DEVELOPER

2016 - 2017

- Develop company's main product using MVC PHP framework Codeigniter
- Utilize Bootstrap, JQuery, Vue.js, and many other JS packages to enhance frontend experience
- Embed Twitter and Pipl REST APIs into the controller to realize real-time error-free operations

RESEARCH AT USC

DEEP LEARNING PREDICTIVE MODEL RESEARCH

2016

- Clean and standardize raw MIMIC-III data with respect to domain knowledge
- Train and tune RNN models with chronological (time-series) data
- Design multilayer learning models to avoid false supervision
- Compare the performance of different learning models, basic RNN, LSTM, and SVM

EDUCATION

USC

MASTER OF SCIENCE, ELECTRICAL ENGINEERING

2014 - 2016

University of Southern California

Featured Research: Real Time ICU Length of Stay Prediction using 2 layers LSTM and MIMIC-III