TIM LEE

310-413-6239 | tim.david.lee@gmail.com
4101 Vale Avenue, Oakland, CA. 94619
https://timdavidlee.github.io/

SUMMARY: Data professional experienced with big data, programming complex models, designing process automation, and communicating executive insights.

SKILLS

Experienced: Python, Oracle PL/SQL, MS SQL Server, MySQL, HTML, CSS
Familiar: JavaScript, Java, C++, C#.net, MySQL, Google Cloud, AWS, Linux, MATLAB

EXPERIENCE

General Assembly, SF, CA **2016-Current**
Data Science Immersive Student

- Capstone Project: Used Natural Language Processing (NLP) to understand the data science industry through job postings: classifying 25,000 data-job posting descriptions, extracting insights on skills, titles, and locations
- Regression, Classification, Recommendations, Neural Networks, Multi-Arm Bandit

PWC Advisory, SF Bay Area, CA **2012-Current**
Manager (2015), Senior Consultant (2013), Consultant (2012)

- Managed teams up to 15 providing accounting analytics services for Fortune 500 clients
- Designed, tuned, and implemented billion-row SQL relational databases for projects including: channel partner sales ROI, capital expenditures spend analysis, customer segmentation, product benchmarking, and revenue recognition
- Developed executive M&A deal dashboards using JQuery, Excel, Tableau, and Qlikview, for evaluating sell-side decisions of assets
- Developed python ETL tools for cross-interfacing client databases such as MySQL, SQL Server, Oracle, SAP, Hive, and Vertica

Rolls Royce Composite Materials, Huntington Beach, CA **2009-2012**
Lead Structural Engineer (2011), Structural Engineer (2009)

- Designed high-performance engine parts for faster, lighter, cheaper supersonic space flight, targeting the development of new composite materials
- Oversaw end to end in-house research, fabrication, analytics, and part testing
- Managed $2 million in projects annually with companies such as Rolls Royce, Northrop, Space X, and NASA,
- Leveraged Java and MATLAB to simulate space flight stress and thermal situations, optimizing material selection and part design to reduce flight-weight by 40%

GoEngineer, Woodland HIlls, CA **2006-2008**
Sales Engineer, 3D Stress and Thermal Analysis & ERP software

UCLA Wireless Media Research Lab, Los Angeles, CA **2004-2006**
Database Analyst / Web UX Designer

EDUCATION

Data Science Immersive – General Assembly SF Q4FY16 **Grad 2016**
B.S. + M.S. Mech. Engineering, UCLA – Computational Stress Analysis **Grad 2009**