JOSEPH LIN

531 Page St, San Francisco, CA 94117 | (408)-646-3982 | thejosephlin93@gmail.com

PROFESSIONAL QUALIFICATIONS:

- **Databases:** Oracle 11g/MySQL/PostgreSQL, SAP
- **Data Analysis:** Python (NumPy, Pandas, xlwings, Scikit-learn), Excel, R (dplyr, tidyr)
- **Data Visualization:** Tableau, matplotlib, D3.js, ggplot2, VBA
- **Programming Languages:** Python, SQL, JavaScript, Google Script, R, HTML, VBA Macros

- **Relevant Knowledge:** Java, C/C++ programming/Data Structures
- Logistics and Supply Chain Process Strategy (SAP), SharePoint Workflow Developer (Nintex)
- Continuous Improvement and Lean Six Sigma Fundamentals
- Fluent in Chinese and English translation.

PROFESSIONAL EXPERIENCE:

Genentech, Business Intelligence Analyst *(Nov 2015–present)*   *South San Francisco, CA*

- Led development of Data Visualizations for 27 Cost Centers to monitor $14M Materials Budget, which ultimately saved $1.2M from 2016-2017. Implemented an Outlier Classification system to notify Cost Center Managers of unusual spends.
- Streamlined 8 ETL Processes for Pilot Plant Scheduling Software as well as Resource, Headcount, and Demand reporting using Python (Pandas, NumPy, Selenium) and SQL.
- Designed and guided development of proprietary scheduling software for the Cell Culture Pilot Plant, which coordinated 1900+ production runs among 50+ researchers/technicians, and reduced scheduling logistics time by 70%. Handled development of scheduling software for 2 other Cost Centers as well.
- Built 3 SharePoint Workflows for Capital Expense planning to sustain division's asset strategy and resource planning, which saved $4M in 2016.
- Aggregated data across 3 different database platforms to streamline Inventory, Financial, and Molecule Production reporting needs.

Genentech, Supply Chain Business Operations Intern *(July 2015–Nov 2015)*   *South San Francisco, CA*

- Handled supply chain logistics for inventory of ~450 pilot plant raw materials and consumables.
- Programmed a web-crawler in Python to scan inventory database and trigger purchase orders or stock releases with vendors, ensuring constant supply chain with 0 stock outs.
- Built and maintained transactional database tables for the Pilot Plant's inventory and material usage to ensure just-in-time production needs, which ensured 0 stock outs. Coordinated audits for risk assessment analysis on inventory data to identify improvement opportunities and root causes for issues.

IKA Works, UCSD Sales Representative *(Aug 2014–Feb 2015)*   *La Jolla, CA*

- Developed customer relations and execute business and sales strategies to market laboratory equipment

ADDITIONAL EXPERIENCE:

Almutairi Lab, Assistant Staff Research Associate *(Jun-2014–Aug 2014)*   *La Jolla, CA*

- UCSD Skaggs School of Pharmacy research fellowship at the Almutairi Lab for Bioresponsive Materials

CTK Biotech, Cell Culture Lab Intern *(Feb 2014–Jun 2014)*   *San Diego, CA*

- Immunodiagnostics Company specializing in the production of antibodies and antigens for diagnostic immunoassay tests for a wide range of diseases

CERTIFICATIONS:

Coursera - John Hopkins Data Science Specialization: R Programming, Getting and Cleaning Data, Regression Models, Practical Machine Learning, Exploratory Data Analysis, Statistical Inference, Developing Data Products

EDUCATION:

University of California, San Diego, La Jolla, California *(Sept 2011 – Jun 2015)*   *La Jolla, CA*
B.S. Biochemistry/Cell Biology

Lynbrook High School *(Aug 2007 – Jun 2011)*   *San Jose, CA*

EXTRACURRICULARS:

- UCSD Men's Club Soccer
- Tau Kappa Epsilon - PiXi