

Eugene Lee

egulee@ucdavis.edu | [in eugenelukelee](https://www.linkedin.com/in/eugenelukelee) | eugenelee.me

PROFESSIONAL EXPERIENCE

Solutions Engineer, Chartboost (*San Francisco, CA*) 10/2020 - present

Research Associate, Process Development, Zymergen (*Emeryville, CA*) 09/2018 - 09/2020

- Operated Ambr, DASGIP & Labfors fermenters: maintained success rates of 92% and reduced FTE by 25%.
- Utilized Excel/JMP to consolidate experimental data, identify improved strains and provide data visualization.
- Resolved Jira tickets by creating BPMN models and MySQL queries.
- Scripted in VBA, JSL, Python and C# to automate data processing and interact with LIMS.
- Created operational guidelines & SOPs and trained operators in the lab.
- Distributed system loads, setup offgas manifolds and connected scales to computers via Moxa Converters.

Shop Assistant, Unitrans (*Davis, CA*) 02/2016 - 08/2018

- Inspected, serviced and repaired all functions related to bus maintenance including heavy component changes: engine rebuilds, transmission seals, CNG, HVAC, ABS and other electro-mechanical systems.
- Performed routine and interval servicing as required by industry standards and the C.H.P.
- Diagnosed, removed and assembled components that required service, replacement, or repair.
- Led three shop assistants in proper skills and methods.

PROJECTS

Travel Blog Redesign (*Figma, HTML, CSS, Javascript, React, Redux*) 06/2020 - present

Lead Web Developer: Manage 6 people and delegate tasks to reinvent the code/design of a travel blog

Labdo 06/2013 - present

Member: Coordinate Bay Area trips to distribute donated laptops to schools in impoverished nations across the world

Basketball API (*Python, Flask, PostgreSQL, Auth0*) 05/2020

Deployed a RESTful API to get/post/patch/delete basketball games and players from a PostgreSQL database

Bullish or Bearish? (*JavaScript, HTML, CSS*) 02/2020

Scraped reddit comments from a popular web forum to quantify bullish or bearish sentiment

BusAwake (*Java, XML*) 02/2020

Created an Android app to set an alarm 15 minutes before the end of a Google Maps transit route

Mail Sorter (*Arduino, Processing*) 10/2019

Prototyped an automated mail sorter using cardboard, circuit board and servo motors

TRAINING & CERTIFICATIONS

Industrial Biotechnology, TU Delft 06/2020

Full Stack Web Developer Nanodegree, Udacity 05/2020

The Complete SQL Bootcamp, Udemy 03/2020

Engineer In Training, NCEES 08/2018

EDUCATION

University of California, Davis, Chemical Engineering B.S. / GPA 3.52 2014 - 2018

Leadership Activities: Peer Tutoring · Undergraduate Research · IM Basketball · 90.3FM DJ

SKILLS

Functional Skills: Fermentation · Agile · Project Management · Leadership · Time Management · Teamwork · Public Speaking · Equipment Troubleshooting · Korean · Spanish

Technical Skills: JMP · SQL · MATLAB · Excel · Python · HTML · CSS · JavaScript · Java · Git/GitHub · Jira