

# Erin MyLungs

☎ 444-867-5309  
✉ Erin@example.com  
www.github.com/erinmylungs

## Employment

12/2019 - **Machine Learning Engineer**, *Keller Kreativ*, Seattle, WA.

Present **Brick IQ**(12/2019 - 11/2020)

- Developed android app with live object detection and inventory management using data-binding and MVVM architecture.
- Created and deployed backend API on AWS EC2 for machine learning and data persistence layer.
- Automated synthetic data creation pipeline and reduced data requirements from hundreds of real images to only synthetic and reduce labor requirements from 40 hours to 1 hour.
- Recompiled tensorflow and dockerized training pipeline to deploy on legacy hardware which reduced training time from 6 hours an experiment to 45 minutes.

**Set Tracker** (11/2020 - Current)

- Planned and Implemented mobile inventory tracking application using Google Cloud Firestore and Flutter.
- Created excel parser to allow customers to load legacy data into the app with a single action.
- Forked and refactored existing barcode scanner package to adjust GUI to match project specifications.

02/2019 - **Backend Developer**, *Dreamers Inc*, Remote.

Present **CEO School**(10/2020 - Current)

- Created API Endpoints for pandas pipelines to create dynamic financial projection reports.
- Built and tested API and Database Schema using FastAPI, SQLAlchemy, and Pytest.
- Onboarded frontend and backend developers to the project by writing documentation and direct collaboration.

## Skills

### Backend

- Web
  - FastAPI
  - PostgreSQL
  - SQLAlchemy
- Numpy
- Pandas
- Pytest

### Frontend

- Typescript
  - Vue
  - Ant Design
- Python
  - DearPyGUI
  - PySimpleGUI
  - Dash/Plotly

### Mobile

- Flutter
- Kotlin
- TF Lite
- ML Kit
- Google Firebase
  - Cloud Firestore
  - Firebase Auth

### DevOps

- AWS
  - Amplify
  - EC2
  - Route 53
  - S3
- Docker + Swarm
- Gitlab CI/CD