

# Claud D. Park

SITE RELIABILITY ENGINEER · SOFTWARE ARCHITECT

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*“Be the change that you want to see in the world.”*

## Education

### Drexel University

MASTERS OF SCIENCE (ABD), PHYSICS

Philadelphia, PA

Sept. 2011 - Dec. 2014

### Baylor University

BACHELORS OF SCIENCE, PHYSICS, MINOR IN MATHEMATICS

Waco, TX

Sept. 2007 - May. 2011

## Skills

**Languages** Python, R, SQL, Julia, Matlab, Scala

**DevOps** AWS, Kubernetes, Docker, Terraform, Ansible, Argo, Airflow

**Frameworks** Scikit Learn, Tensorflow, Pandas, Dask, SpaCy, Tidyverse, PySpark

**Back-end** PostgreSQL, MongoDB, Django, REST API

## Experience

### Grai

FOUNDER

Madison, WI

July 2021 to present

- Founded Grai, an open-source platform that simplifies the management of complex data systems.
- Directed an international team of developers and open-source contributors to develop the Grai platform.
- Spearhead all aspects of early-stage company development, including fundraising, marketing, and product strategy.
- Secured venture backing from investors like Y Combinator and users including Roblox, Remax, and Axios.
- Tech stack: Python, TypeScript, Postgresql, Django, React, Kubernetes, Docker, Terraform, AWS, GCP, dbt

### Centene

LEAD MACHINE LEARNING ENGINEER

St. Louis, MO

Jun. 2019 - July 2021

- Lead Machine Learning Engineer for NextGen and population health initiatives.
- Directed a cross-functional team of 7 data scientists and engineers to develop and propagate new technologies across the organization.
- Architected a scalable machine learning deployment and maintenance framework using Kubernetes and Argo.
- Led delivery of machine learning models to provide efficient health care outcomes.
- Tech stack: Python, MongoDB, Kubernetes, Argo, Tensorflow, Dask

### CIBO Technologies

LEAD DATA SCIENTIST

St. Louis, MO

May 2018 - May 2019

- Led a team of data scientists developing smart tooling around data validation and ingestion of incoming messy data.
- Developed new data inputs to augment Bayesian models of crop growth and yield. Including fluid flow models for rainfall distribution and light scattering corrections for leaf area.
- Engineered field level environmental classification systems using unsupervised clustering with metric learning capabilities.
- Point engineer on company consulting efforts with fortune 500 agricultural clients to improve crop yield and quality.
- Tech stack: Python, R, Scala

### Bayer

DATA SCIENTIST

St. Louis, MO

Feb. 2017 - May 2018

- Member of Bayer's consumer behavior team responsible for addressing farmer needs through data-driven insights.
- Built and deployed customer demand and behavior forecasting models via GLM and tree based approaches.
- Developed generalized customer segmentation models using K-means clustering with side information.
- Point engineer responsible for deploying key customer analytics business metrics driving company wide sales strategies.
- Tech stack: Python, R, Docker, AWS