

Daniel Victor Ochoa

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EXPERIENCE

Strava

San Francisco, CA

Senior Software Engineer

May 2022 – Oct 2024

- Lead development of a best efforts feature suite that scaled to over 100 billion efforts, becoming one of Strava's strongest drivers of subscriptions and prompting cross-team collaboration to expand into achievements, challenges, notifications and more.
- Engineering lead of the activities team which oversaw mission critical services handling some of the greatest operational load at the company as well as a product suite including best efforts, goals, weather, power analysis, and much more.
- Lead of Server Guild where I organized weekly presentations and workshops focused on backend engineering and represented server engineers on behalf of the engineering org.
- Orchestrated an overhaul of the server engineer interview process, created and implemented a team bug fix process, organized and ran monthly team retrospectives, frequent mentor to junior engineers.

Google

Mountain View, CA

Software Engineer II

July 2018 – August 2021

- Built a fraud detection system in Java that used a suite of abuse signals to flag suspicious activity across a broad user base for a product providing monetary incentives to users in developing nations.
- Designed and implemented an anomaly detection workflow using MapReduce and Bayesian analysis of Direct Linear Models to alert on anomalous events on times series consisting of system health metrics across a large dimension space for all Google first party apps.
- Designed and implemented Android views used for OTP, SSN, and phone number input for Google Mobile Services.
- Designed and implemented device based fraud checks and banking card status change functionality for Google Pay using Flutter and Dart.
- Mentored out of college employees providing code reviews and TAing lessons during orientation. Participated and led school outreach yearly representing Google. Organized hackathons along with weekly and monthly social events.

Infinite Campus

Blaine, MN

Software Engineer Intern

July 2017 – August 2017

- Built daily ran DAGs using Apache Airflow to monitor data, surveying thousands of Elasticsearch indices and reported on anomalies that prevented the loss of tens of millions of documents.
- Created canonical SQL tables and materialized views to increase analytics efficiency across the Product Intelligence team.

University of Miami Computer Science Department

Miami, FL

Research Assistant

May 2016 – August 2016

- Applied ML to 24-hour EMG data to find patterns of coactive muscle activation in subjects with spinal cord injuries.
- Developed a reliable method of detecting transitions between sleep and wake cycles across subjects using Principle Component Analysis, rectification, and median filtering.

EDUCATION

Macalester College - B.A., Computer Science & Applied Mathematics

St. Paul, MN

- August 2014 - May 2018

SKILLS

- Proficient in Java, Scala, Python, Ruby, SQL, JavaScript, GraphQL, Kafka, MapReduce, Git, Distributed Systems
- Familiar with React, NodeJS, Swift, C, Dart, Flutter, Docker, Kubernetes, AWS