Daniel Gultom

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Education

UC Berkeley – Computer Science B.A. – GPA 3.6   August 2017 – December 2020

Coursework: CS - Data Structures (**Java**) | Machine Structures (**C**/RISC-V) | Intro. Devices/Systems | Computer Graphics (**C++**) | Efficient Algorithms | Operating Systems (C) | Databases (Java/SQL) | Computer Security (golang) | **Data Science -** Stat 133: Computing with Data (**R**) | CS70: Discrete Math/Probability | Data 100: Data Science (**Python**/**Jupyter**)

Work Experience

DoorDash   January 2021 – Present

Software Engineer – New York City, NY
- Owned projects and contributed to several services in **Kotlin** related to Pickup/Dine-in as a backend product engineer.
- Added popular items on the Pickup map from ETL pipeline to mobile back-end, adding *~1.04%* Pickup orders
- Added ETAs to Store Page, contributing ~2% Pickup conversion, fixed bugs to halve p95 latency on high-traffic endpoint.
- Initiated metrics migration and created monitored dashboards for core services with Chronosphere/Prometheus.
- Enabled Pickup promotion carousels on the home page, enabling est. +260k Pickup orders during initial promotion week.
- Migrated Pickup close order from monolith Django repository into newer service, owning almost every part including metrics.
- Implemented features to help customers discover new experimental Reservations vertical on DoorDash.

Amazon   May 2020 – August 2020

Software Engineering Intern – New York City, NY (Remote)
- Created a brand new performance analytics dashboard for Amazon sellers to manage and understand growth using React.
- Collaborated with product managers to develop the website's design and implement new features.
- Set up a development pipeline using internal tools to host the beta version of the site.
- Won 1st place at Alexa intern hackathon out of 75 teams, creating a one-stop-shop for interns' pre-onboarding tasks.

Amazon   September 2019 – December 2019

Software Engineering Intern – New York City, NY
- Sped up average query time for highly used Search Terms Dashboard by over 90% on Selling Partner Analytics Team.
- Refactor back-end data pipeline from **AWS Redshift** to **Elasticsearch**, using tools such as **AWS EMR, Hive, Spark/SparkSQL.**
- Improved customer query results by utilizing Elasticsearch functionalities, optimizing query for relevance.
- Created functionality to query different data sources by different dates, reducing costly need for data backfill.

ThousandEyes   June 2019 – August 2019

Software Engineering Intern – San Francisco, CA
- Designed, built, and deployed software to automate core site reliability operations.
- Implement REST API in **Java Spring Boot**, personalized build scripts for **Docker, Kubernetes** for CI/CD.
- Secured application with **OAuth2**, handle data transactions with **MySQL** and **MongoDB.**

CooperVision   June 2018 – August 2018

Front-End Web Developer Intern – Pleasanton, CA
- Implement automated functional testing to catch development/production bugs and improve SEO.

Extracurricular

Berkeley Codebase – codebase.berkeley.edu   January 2020 – December 2020

Project Developer – Berkeley, CA
- Partner with Middesk (middesk.com) to create business onboarding flow.
    - Designed and implemented views with **Rails, React** to create an easy user experience.
- Partner with InfluxDB to create cloud-controlled tooling for Telegraf

Projects

- **T-Inventory** - Created a desktop application to help a small business keep track of orders, shifting from paper to digital records. Created with **ReactJS**, **ElectronJS**, back end using **Express**.
- **Microblog** - Used **Flask** to create social-media-style web application. Uses authentication, database migrations, Bootstrap.

Skills

Experienced: Kotlin, Java, Javascript/React, Python, Elasticsearch, SQL, AWS, R, Node, HTML, CSS, Bootstrap.