

JABEZ WESLY

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EXPERIENCE

GOOGLE, SILICON VALLEY — SOFTWARE ENGINEER

JULY 2020 – DECEMBER 2023

- Worked on maintaining and improving the high-availability, high-performance planet-scale Google Account server that serves and authenticates all Google user lookup traffic (5-9s, 200M+ QPS)
- Maintained offline processes for reading/updating billions of Google accounts
- Migrated and modernized code from monolith to microservices (C++)
- Triaged access requests for offline reads of Google accounts
- Built a system augmenting accounts with metadata necessary for legal compliance
- Automated the release of logical views
- Helped rotate an encryption key at scale
- Migrated storage lookups to be more resilient to outages; educated clients on the risks and upside
- Extended microservice framework dev tools to support running stacks with microservices of different languages together locally (Golang)

FLATIRON HEALTH, NYC — SWE INTERN

SUMMER 2019

- Designed algorithm to better manage memory on ImageS3Uploader
- Built Cache Manager portal
- Converted ImageS3Uploader to AWS Lambda during hackathon

NEWSCORP, NYC — MOBILE INTERN

SUMMER 2018, SEPT 2018 - MAY 2019

- Was internal expert for REEL transformer
 - Jump-started new brands onto framework
 - Suggested and consulted on how to implement apps through framework
 - Suggested, implemented and consulted on core framework changes
- Implemented AWS Lambda functions for ingesting data
- Architected and developed objective-C World Cup app with other interns

APPNEXUS, NYC — SUMMER ASSOCIATE/INTERN

SUMMERS 2016, 2017

- Ported and modified Console Reporting UI view to Excel Add-In, using React, Office API
- Created full-featured Query UI for existing API to Vertica Database

HUMANSIZE, PISCATAWAY, NJ — IT INTERN

SUMMERS 2013, 2014

EDUCATION

Rutgers University — 3.85 GPA

Class of 2020

Bachelor of Arts in Computer Science, Mathematics
with Minors in Philosophy, Creative Writing

Relevant Coursework:

Intro to AI (Graduate), Machine Learning (Graduate), Systems Programming, Principles of Programming Languages
Linear Algebra, Statistics I, Mathematical Theory of Probability,
Abstract Algebra, Geometry, Topology.

ENGINEERING SKILLS

High Availability and low-latency distributed systems

Javascript (Highly Proficient)

- 6+ years of experience using ES5, ES6, Node, React, jQuery, functional paradigms

Other Languages (Proficient)

- C++ (most used language at Google), SQL, C#, C, Python, C++, Java, Golang