JABEZ WESLY

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SUMMARY

Highly motivated Software Engineer with 3.5 years of experience at **Google Inc**, specializing in software development for high-availability, low-latency distributed systems. Proven ability to design and optimize scalable architectures that support critical production workloads.

EXPERIENCE

GOOGLE, SILICON VALLEY — SOFTWARE ENGINEER　　　　　　**JULY 2020 – JANUARY 2024**
- ☐ Maintained the high-availability, high-performance planet-scale Google Account server that serves and authenticates all Google user lookup traffic (5-9s, 200M+ QPS)
- ☐ Extended microservice framework dev tools to support running stacks with microservices of different languages together locally
  - ▪ Modified Hexa Runner instead of spinning up separate Bento instances for each language, saving weeks of development time
- ☐ Designed and implemented system that selectively retained accounts past ordinary deletion timeline
  - ▪ 100 million+ accounts successfully retained during Inactive Accounts deletion project
  - ▪ Partnered with legal and security during the design process
  - ▪ Reduced insider risk by making retention subject to role-based access controls and audit trails
- ☐ Automated the deployment of logical views with Rapid and Bazel, freeing engineers from frequent manual releases and saving ~1 engineer-hour/week
- ☐ Migrated an encryption key from being hardcoded in the monolith to Boq microservices and Keystore, enhancing security by enabling auto-rotation
- ☐ Maintained offline process for reading/updating billions of Google accounts in Paxos DB
- ☐ Migrated and modernized code from monolith to microservices allowing for faster, more standardized deployments
- ☐ Upgraded storage lookup API to add staleness unbounded lookups to be more resilient to outages

FLATIRON HEALTH, NYC — SWE INTERN　　　　　　　　　　　　　　　**SUMMER 2019**
- ☐ Built Cache Manager portal for customer service representatives to fix client errors while refreshing minimal portions of cache
- ☐ Converted ImageS3Uploader to AWS Lambda during hackathon

NEWSCORP, NYC — MOBILE INTERN　　　　　　　　　　**JUNE 2018 – MAY 2019**
- ☐ Jump-started new brands onto REEL transformer framework
- ☐ Implemented AWS Lambda functions for ingesting data

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

HUMANSCALE, 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, Geometry, Topology.

High Availability and low-latency distributed systems
Linux, Windows, MacOS, Git
Javascript
- 6+ years of experience using ES5, ES6, Node, React, jQuery, functional paradigms

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