

# JABEZ WESLY

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## EXPERIENCE

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### GOOGLE, SILICON VALLEY — SOFTWARE ENGINEER

**JULY 2020 – DECEMBER 2023**

- Team maintained planet-scale, account-related server handling 200M+ QPS of critical authenticated user traffic
- Team 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
- 100% code coverage of all new features and bug-fixes

### HUMANSIZE, PISCATAWAY, NJ — IT INTERN

**SUMMERS 2013, 2014**

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## EDUCATION

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### 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.

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## PROGRAMMING SKILLS

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### Javascript (Highly Proficient)

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

### Other Languages (Proficient)

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