

Jason Less

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EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)

B.S. IN COMPUTER SCIENCE

Expected Graduation: June 2020

GPA: 3.6

LINKS

Website: www.jasonless.com

Github: [/jless97](https://github.com/jless97)

LinkedIn: [/jasonless](https://www.linkedin.com/in/jasonless)

SKILLS

LANGUAGES

• C/C++, Java, Python, Go, Prolog,
Lisp/Scheme, OCaml, Javascript, SQL

BIG DATA

BATCH PROCESSING

• Apache Hadoop, Apache Pig, Apache
Hive, Azkaban

STREAM PROCESSING

• Apache Kafka, Apache Samza,
Apache Beam

WEB DEVELOPMENT

• HTML, CSS, Bootstrap, MongoDB,
Express, Angular, Node.js, Pyramid

SOFTWARE TOOLS

MISCELLANEOUS

• Docker, AWS Step Functions

SERVICE OBSERVABILITY

• Scribe, Splunk, SignalFX, Sensu

PERFORMANCE

• Locust, Zipkin

VERSION CONTROL

• Git, SVN

HONORS/AWARDS

SOCIETIES

09/2017 - Upsilon Pi Epsilon

International Comp. Sci Honor Society

01/2017 - Golden Key International

Honor Society

02/2016 - Alpha Lambda Delta and

Phi Eta Sigma Honor Society

AWARDS

Fall 2015 - Dean's Honor List

Winter 2016 - Dean's Honor List

Spring 2017 - Dean's Honor List

EXPERIENCE

LINKEDIN | AUG 2020 - PRESENT

Incoming Software Engineer - Profiles and Identity Team | Sunnyvale, CA

- Responsibilities to be determined

FACEBOOK | SEPT 2019 - DEC 2019

Software Engineer Intern - Instagram

Instagram Data Security and Privacy Team | Menlo Park, CA

- Implemented backend features for an Instagram ranking system to help better target and tailor ads to users
- Built out the mobile configuration and landing pages

Instagram Core Business Team | San Francisco, CA

- Designed and developed a feature to display both active and expired apps and websites that users have used Instagram to log into
- Involved making modifications to both Facebook's TAO social graph database and Instagram's graph database by working with GraphQL and utilizing Instagram's Graph API

LINKEDIN | JUNE 2019 - SEPT 2019

Software Engineer Intern - Profiles and Identity Team | Sunnyvale, CA

- Built a real-time data streaming application using Apache Samza, Beam, and Kafka for the Search Appearances feature that generates "weekly search statistics" for around 600M LinkedIn members
- Developed an asynchronous and distributed Samza backend to process an estimated input of 22k QPS Kafka events and 2k QPS in output
- Worked with the other side of the Search Appearances Lambda Architecture on our offline batch flow using Apache Hadoop, Pig, and Hive

YELP | SEPT 2018 - DEC 2018

Software Engineer Intern - Revenue Team | San Francisco, CA

- Designed, implemented, and deployed a service in Yelp's Service-Oriented Architecture using their PaaS and Jenkins CI pipeline (using Python)
- Created RESTful APIs to interface with the service, utilized Pyramid to handle URL routing, and documented API details with Swagger UI
- Added observability to the service via application-level logging via Scribe logs, metrics and service-health monitoring via Splunk and SignalFX dashboards, and error-alerting via Sensu dashboards and Service-Level Objectives (SLOs)

NORTHROP GRUMMAN | JUNE 2018 - AUG 2018

Software Engineer Intern | Redondo Beach, CA

- Worked in the Counter Rocket Artillery and Mortar (C-RAM) team for Missile Defense Protective Services
- Designed and implemented the front and back-end of a Java-based GUI internal tool featuring GPIO-interfacing functionality

ELFIN CUBESAT SATELLITE MISSION, UCLA | FEB 2017 - OCT 2017

Lead Software Engineer | Aug 2017 - Oct 2017

- Responsible for the flight software and the other software engineers
- Led subsystem meetings and collaborated effectively with other subsystems in a multidisciplinary environment

Software Engineer | Feb 2017 - July 2017

- Worked with PIC microcontrollers to build real-life flight mission software
- Developed spin control law algorithms for the spin-stabilized satellite that allows ELFIN to determine its current attitude and maintain it while in orbit