

# Jonathan Kula

[jonathan@jdkula.dev](mailto:jonathan@jdkula.dev) (909) 373-6583

Passionate, driven, caring individual with a love of learning who strives to make the most of every situation, from good to bad, and is excited to jump into the unknown, testing, prototyping, problem-solving, and exploring in tandem with others.

**LinkedIn** [jdkula](#)    **GitHub** [jdkula](#)

## SKILLS

**WEB DEVELOPMENT**                      Typescript, Javascript, React, Vue, HTML, CSS

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**FULL STACK**                              API Design, Node.js, Java (+Kotlin, Scala), Python 3, GraphQL

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**DATABASE SYSTEMS**                      PostgreSQL, MongoDB, BigQuery

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**APPLICATION PLATFORMS & DEVOPS**                      Kubernetes, Docker, Terraform, AWS S3

## EXPERIENCE

**Software Engineering Intern**    Jun 2022 - Sep 2022

12-week internship of full-stack software development; had similar responsibilities to a full-time employee. Implemented and augmented key product functionality as requested by customers and to increase internal COGS.

- Completed large internship project touching all parts of the internal system
  - Designed and implemented a key augmentation of Rockset's storage layer
  - Completed several smaller projects, including frontend and developer experience work
  - Deployed code in all languages of Rockset's codebase.
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**Software Engineering Intern**    Jun 2021 - Sep 2021

12-week internship of full-stack software development; implemented and augmented key orchestration-layer services. Also participated in the task queue.

- Completed two separate intern projects
  - Designed, implemented, and deployed monitoring and logging mechanisms within core infrastructure code.
  - Designed, implemented, and deployed an augmentation and significant functionality improvement to Rockset's Kubernetes controllers.
  - Helped deploy mission-critical infrastructure
  - Worked in a wide variety of languages
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**Teaching Assistant (Intro CS: 106A, AJ, AP, AX, B; Systems: 107, 110)**    Jan 2018 - Present

Taught weekly 50-minute problem-solving sections including 7-12 students from undergraduate to Ph. D, and held office hours. Provided feedback on student work; graded all assignments.

- Student feedback score: 4.9/5 for responsiveness, preparedness, and helpfulness.
- Recognized multiple times as an exemplar TA.
- Served as a guest lecturer in CS106AJ.
- Helped co-develop the CS106AX curriculum.

## EDUCATION

**Stanford University**

Sep 2017 - Jun 2021

Bachelors - Computer Science [Systems]

**Stanford University**

Sep 2021 - Jun 2023

Masters - Computer Science [HCI]