

JONATHAN KULA



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Summary Diligent, kind, responsible undergraduate student studying Computer Science with a focus on computer systems at Stanford University. I'm hoping to bring my knowledge and experience with programming to product development, and learn as much as possible in that process.

Experience **Teaching Assistant, Introductory Computer Science (CS106A, AJ, AP, AX, B)**
Stanford University | Stanford, CA | 2017 – Present

- Taught weekly 50-minute problem-solving sections and held office hours. Sections included 7-12 students from undergraduate to Ph.D. programs.
- Served as guest lecture in CS106AJ
- Provided feedback on student work; graded all assessments.
- In anonymous student feedback, scored 4.5/5 for responsiveness, preparedness, and helpfulness
- Recognized as an excellent CS106 TA

IT Director

The Church On The Way | Van Nuys, CA | 2017 – 2019

- Designed integrated and cost-effective systems to serve technology needs for 30+ staff at a church with over 2,000 congregants.
- Managed a UniFi-based network infrastructure with various servers (Windows Server and Debian running as ESXi guests)
- Managed the church's security and phone infrastructure (Avaya)
- Operated IT helpdesk.

Projects **Paperless**

- Description: Custom assignment submission and grading web-app used by the section leading program.
- Extended the TA feedback feature to allow for new types of comments, and for integrating some autograding frameworks with our rubrics.

BluePress

- Description: Exam authorship/import tool for BlueBook, a tool the Stanford CS106-series courses use to give computerized exams. The goal is to make exam-creation significantly easier for the professors.
- Constructed the backend of the program, which accesses a SQL database and provides a REST API to the frontend.

Spyfall

- Description: A blind-accessible re-creation of a social deception game of the same name.
- Sole developer of this program.

Keyset

- Description: Patent-pending educational technology product with Google Chrome extension. Assists K-12 teachers in grading by allowing them to reuse text snippets, even on computers where teachers don't have administrative privileges.
- Sole developer for this app.

Education

Stanford University

Expected Graduation June 2021
 Major: Computer Science [Systems]
 Minor: Education
 GPA: 3.89

Claremont High School

Graduated 6/15/2017
 GPA: 4.49
 IB Diploma Programme Honoree

Skills

- Proficiency in:
 - C, Java, Kotlin, C#, C++, JavaScript (Browser and Node.js), Scala, and Python 3
 - SQL
 - JetBrains IDEs, vim
 - Debian and Windows server environments
 - Most networking concepts and practice.
- Quick learner
- Inquisitive
- Hard worker

References will be made available upon request.