

JONATHAN KULA



790 Vía Monte Video St, Claremont, CA 91711 | jona.d.kula@gmail.com | +1 (909) 373-6583

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 a lot in that process!

Experience **Introductory Computer Science Teaching Assistant (CS106A, AJ, AP)**
Stanford University | Stanford, CA | 2017 - Present
Section leading! I started section leading winter quarter of Freshman year, and have loved it ever since. Section leading involves teaching weekly 50-minute problem sessions with 5-12 students, and weekly 2-hour-long office hours. In anonymous feedback from my students, I've consistently received 4.5/5 on responsiveness, preparedness, and helpfulness. Furthermore, I've been honored as an excellent CS106 TA twice in the three quarters I've completed in the program. **I've even given a well-received guest lecture in CS106AJ**, about Typescript.

Head of IT

The Church On The Way | Van Nuys, CA | 2017 - 2018

In addition to basic employee helpdesk services, I also managed their network infrastructure (Ubiquiti UniFi and PtP), servers (Windows Server; VMWare ESXi; Debian 9), security infrastructure, phone system (Avaya), and interfaced with some of their technical contacts. I've saved TCOTW about \$1000/mo ongoing with my work. This has given me a unique level of experience with system and network administration for my time in the field.

Projects **CS106B Autograding Framework**
This is my winter quarter 2019 senior section leading project (still in-progress). I'm going to be creating a framework that integrates with the C++ autograders used in the CS106B course at Stanford, providing transport for autograder results to our online grading platform, Paperless.

BluePress

In addition to the above, I'm currently working with a group of 2 others on an exam authorship/import tool for BlueBook, the tool the Stanford 106-series courses use to give computerized exams. This will make it easier for lecturers to begin using it. It's a full-stack application, with the frontend written in Javascript with React, and the backend written using Java. I'm mostly responsible for the backend.

Spyfall

This was an experiment doing full-stack development with Kotlin. Spyfall is a social deception game, and a blind friend of mine wasn't able to play it with my friends and I, so I made this with a particular eye towards screen-reader accessibility. The backend is written in Kotlin, and the frontend is written using Kotlin/JS and Kotlin React.

Keyset

My first patent-pending product! An in-development full-stack application with the backend written in Kotlin, and frontend in Typescript (using React), with a chrome extension component.

Education

Stanford University

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

Claremont High School

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

Skills

Proficient in C, Java, Kotlin, C#, C++, JavaScript, Scala | JetBrains IDEs, vim | Debian and Windows server environments | Most networking concepts and practice.
I'm also learn very quickly, both by example and sheer inquisitiveness. I'm not afraid to ask questions!

References will be made available upon request.