

Theodore J. Klausner

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EDUCATION

Cornell University, College of Engineering, Ithaca, NY

MAJOR *Computer Science* • **MINOR** *Information Science*

May 2023

GPA 3.85

RELEVANT COURSE WORK

MATHEMATICS • Multivariable Calculus, Linear Algebra

COMPUTER SCIENCE • Discrete Structures, Competition Programming and Problem Solving, Object Oriented Programming & Data Structures, Digital Logic and Computer Organization

INFORMATION SCIENCE • Introduction to Data Science, Introduction to Machine Learning, Networks

WORK EXPERIENCE

API Tester

October – December 2019

Oppie Labs

Los Angeles, CA

- Utilized Postman to emulate POST calls to the endpoint of API-first SaaS product Short, a content summary tool
- Implemented web-scraper to mine Project Gutenberg for text files to generate testing data for the machine learning model
- Automated testing process on 100 JSON files using bash and Node.js

Founder

August 2016 – May 2019

Alex & Teddy Academy for Coding Los Angeles

Los Angeles, CA

- Co-founded a coding academy for kids and adults with classes ranging between 3 and 20 students
- Developed various curriculums with lectures, notes, assignments, and assessments to simulate a high school AP computer science class
- Instructed 100 students programming in Java, HTML, CSS, JavaScript, and Scratch

IT Intern

June – July 2016

Singer Consulting

Los Angeles, CA

- Performed IT support for company's clients (law firms, private offices, and private homes)
- Refurbished iMac computers by installing SSD Drives

Tutor

August 2016 – Present

STEM Tutoring

Los Angeles, CA - Remote

- Tutored in AP Computer Science (APCS-A), APCS Principles, AP Physics, Geometry, and Calculus
- Currently instruct 5 students a week in Java, JavaScript, HTML, and CSS

PROJECTS & ADDITIONAL ACTIVITIES

Founder

March 2020 - Present

Waffle App

Los Angeles, CA - Remote

- Conceptualized e-commerce app, designed end to end wireframe using Adobe XD
- Programmed the frontend with React Native in conjunction with Redux and engineered the backend using MongoDB, Fastify, and Node.js
- As co-founder and team lead of 5 members, assigned weekly deliverables, hosted hour-long biweekly meetings, and spoke with advisors, potential investors, as well as lawyers

Software Team Member

September 2019 – Present

Engineering World Health

Cornell University

- Designing an educational game to teach young girls and women in India about menstrual health in partnership with Barefoot College
- Implementing frontend using Kivy and backend using Django, MongoDB, and Node.js.

AWARDS

Inaugural Beldegrun Center for Innovative Leadership Challenge of the Month Winner

April 2019

- Proposed retrofitting parking spaces with inductive wireless-charging capabilities to address the problem of expanding electric infrastructure in densely populated areas
- Received invitation to Tesla HQ to accept the award from Todd Maron, former general counsel of Tesla

SKILLS & INTERESTS

PROGRAMMING LANGUAGES • Java, Python, JavaScript, C++

MACHINE LEARNING • Pandas, Numpy, SciPy, matplotlib

FRONTEND • React.js, React Native, A

BACKEND • Node.js, Redux, MongoDB, Postman