

Tijesuni Oyeyemi

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 <http://tjaycodes.com/>

 <https://devpost.com/theTijesuni>

EDUCATION

UNIVERSITY OF CALIFORNIA, DAVIS

B.S. Electrical Engineering

Expected - Dec 2023

- 2020 till date - NACME Scholar
- 2020 Winter Quarter Dean's List

TECH SKILLS

- **Python, Git, HTML, CSS, JavaScript, Typescript, React, Redux.**
- **MATLAB, C, Google App Engine, RISC-V, Quartus**

RELEVANT COURSES

- **ECS 032B** - Data Structures and Algorithms (**Python**)
- **EEC 170** - Computer Architecture (**RISC-V**)
- **ENG 006** - Engineering Problem Solving (**MATLAB**)
- **EEC 007** - Programming & Microcontrollers (**C**)

PROFESSIONAL EXPERIENCE

NERDWALLET

Software Engineering Intern

San Francisco, CA

06/2022 - 09/2022

- Collaborated with the design and product team to update Nerdwallet's 'dismissible' and 'error' modals using Typescript, Javascript, and React.
- Co-Led the development of a contextual modal test designed to drive up registration volumes on specific credit card URL's.
- Created 16+ engineering tickets in JIRA, conducted Dependency Chain Analysis, Eng Feasibility Analysis, and planned project timelines.

INTEL CORPORATION

System Validation Intern

Folsom, CA

06/2021 - 09/2021

- Developed a Python Script to post-process 3486 performance-test log files on 36 Solid State Drives, saving my team 7 days of manual validation.
- Communicated with mentors to understand customer demands.
- Ran tests and baselined automation plans for SSD Product Validation using Linux and internal tools.

AUDIO JOT

CEO & Co- Founder

Davis, CA

01/2021 till Date

- Using React Native to develop a free cross-platform audio recording and note-taking mobile app that aids songwriters with idea creation and retention.
- Conducted over 100 Customer Interviews and Pitched to VC's.
- Developed and Prototyped User Interface with Figma.

SMUD - POWER SYSTEMS OPERATIONS DEPT.

Electrical Engineering Intern,

Sacramento, CA

06/2020 - 12/2020

- Developed a Python script to automate database consolidation, reducing data insertion and validation processes from minutes to a second.
- Created a model for the Rancho Seco Solar Power Plant within the EPRI Power Simulator (BRICK).
- Visualized and communicated Electrical Grid data using PI ProcessBook.

GOOGLE COMPUTER SCIENCE SUMMER INSTITUTE

Student Participant,

Mountain View, CA

07/2019 - 08/2019

- Engaged in an intensive and practical three-week computer-science course instructed by Google engineers.
- Designed and implemented our very own dynamic web application "Orgspace" using Python and Google App Engine. (orgspace.appspot.com).

INTERESTS

- UI / UX Development
- Automation / Productivity
- Guitar / Music Production

LEADERSHIP (TILL DATE)

- **2021 - Black Engineers Association at UC Davis** - Vice-President / Treasurer
- **2020 - UC Davis LEADR** (Leadership in Engineering Advancement, Diversity, and Retention) - Student Ambassador
- **2020 - National Society of Black Engineers (NSBE) - Region VI** - Member
- **2020 - Institute of Electrical and Electronics Engineers** - Member
- **2020 - Google Developer Student Club at UC Davis** - Member