

Judith Osei-Tete

Ithaca, New York, US | +1 (607) 262-3679 | jao92@cornell.edu
github.com/this-is-judith | linkedin.com/in/judithoseitete | judithoseitete.com

PROFESSIONAL SUMMARY

I am a rising junior at Cornell University, majoring in Electrical and Computer Engineering with a specialization in software development for websites and applications. I am passionate about collaborating with diverse people to learn new technologies and create scalable software solutions.

EDUCATION

Bachelor of Science, Electrical and Computer Engineering Cornell University

Expected Graduation: May 2026

- Minor in Computer Science
- Dean's list for two semesters
- **Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Frontend and Backend Development, Intro to Machine Learning, Digital Logic and Computer Architecture

SKILLS

Languages: Python, Java, JavaScript, HTML, CSS, Perl

Technologies: React, Node.js, Google Cloud Platform, Firebase, Linux, Git, MongoDB

WORK EXPERIENCE

Silicon Design Engineer Intern, AMD

May 2024 – present

- Creating and optimizing scripts for an internal library using Python and Perl, increasing processing speed by 40% and reducing system errors by 30% in the most recent run.
- Conducting timing analysis to identify delays in data paths and place repeaters, enhancing signal integrity.

Platform Design Engineer Intern, AMD

Jan 2024 – May 2024

- Designed an LCD Display for Zen 5 EPYC server PCB using Cadence, collaborating with mechanical and thermal teams to ensure system integration and operational efficiency.
- Performed power sequencing and reverse debugging techniques on an older generation PCB, improving power efficiency by approximately 14%.

Teaching Assistant, Intro to Computer Science, Cornell University

Aug 2023 – Dec 2023

- Facilitated understanding of foundational programming concepts to 500+ students through weekly sections, office hours, timely assignment grading and constructive feedback.
- Served as 1 of 20 TAs out of 80+ assigned to design new assignments and beta test an autograder.
- Incoming for Fall 2024 as well

PROJECTS

Personal Website | judithoseitete.com | React, JSX, CSS

Feb 2024 – present

- Designing, implementing, and improving a mobile-responsive, multi-page website from ground up.
- Streamlining the development process with Continuous Integration/Continuous Development using Git.
- Developing a MongoDB-powered blog with Create, Read, Update, Delete (CRUD) functionality.

Simple Rhythm: Weekly Planner | <https://github.com/this-is-judith/weekly-planner>

May 2024 – present

- Engineering a planner with a to-do list, weekly calendar and notes section, inspired by Google Tasks.
- Features will include subtask categorization, a progress bar, reminders and a drag-and-drop interface.