

Kevin Efui Setor Kudiabor

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EDUCATION

Cornell University, College of Engineering

Candidate for BS Computer Science

Previous Major: BS Mechanical Engineering

Relevant Coursework: Object-Oriented Programming & Data Structures*, Discrete Structures*, Linear Algebra, Multi-Variable Calculus, Intro to Computing using MATLAB, Intro to Entrepreneurship, Microeconomics, Differential Equations, Physics 2:

Electromagnetism, Dynamics, Data Structures & Functional Programming (SP23)

* - Actively taking

Ithaca, NY

Expected Graduation: May 2025

August 2020 - May 2022

RELEVANT EXPERIENCE

CSMore Rising Sophomore Summer Diversity Program

Active Participant

Ithaca, NY

July 2022 – Present

- Comprehend computer science topics such as Tech Bootcamp, Discrete Structures, Computer System Organization, Functional Programming, and Data Structures, to increase diversity in the field of computing.

CodePath Interview Prep – Intro to SWE Course (Summer 2022)

Active Participant

Remote

May 2022 – Present

- Undergo a comprehensive bootcamp centered around learning python programming language through advanced projects and course topics (iteration, recursion, generators).

Jane Street - IN FOCUS Business Development Program 2022

Active Participant

New York City, NY

May 2022

- Explored a broad variety of infrastructure subgroups, including treasury, compliance, operations, and project consulting, to learn how Jane Street solves cross-departmental problems to support the firm's growth.

NASA L'SPACE Proposal Writing & Evaluation Experience (NPWEE) Academy

Deputy Project Manager, Team 16

Remote

January 2022 – March 2022

- Developed the skill of proposing selectable innovative ideas solutions to NASA's needs through ideation, proposal writing, and evaluating NASA-focused proposals.
- Learned to work and communicate effectively in a team to optimize the project and follow through on tasks to meet deadlines.
- Identified and successfully communicated critical elements needed to carry out the work necessary for deliverables.

Cornell Design, Build, Fly (DBF) Engineering Project Team

Aerospace & Propulsion Sub-Team Member

Ithaca, NY

September 2021– Present

- Educated on introductory aerospace principles (references & coordinate systems, nondimensionalization, thin airfoil theory, intro to stability, location of aerodynamic center).
- Optimized the performance of propulsion components and contributed to the design and assembly of the competition wing plane for the 2021-2022 DBF aircraft and presented at the Subsystem Critical Design Review (CDR).

PROJECTS

Samsung Television Database Searcher

May 2022 - Present

- Write script which reads excel file and populates Samsung television database.
- Write function which takes user input, searches database, and produces output.
- This project incorporates API endpoints, Excel Spreadsheets, MongoDB, python functions and scripts.

Personal Biography Website

July 2022

- Developed a website to display personal information including education, resume, and technical skills.
- This project incorporates HTML/CSS and JavaScript.

ACTIVITIES / CAMPUS INVOLVEMENT

Pan-African Students Association

Vice President

Ithaca, NY

May 2021- Present

Freshman Representative

November 2020 – May 2021

- Raise awareness and to arouse interest within Cornell University and the Ithaca community of the cultures and affairs of African descended peoples
- Develop and coordinate African Student activities in conjunction with the Administration, the Student Association, and other student organizations.

SKILLS, AWARDS, & INTERESTS

Other Activities: ColorStack (Active Member), National Society of Black Engineers (Active Member), Underrepresented Minorities in Computing (Active Member)

Technical Skills: Python Programming, Java Programming*, HTML/CSS*, JavaScript*, OCaml(SP23), Solidworks CAD, MATLAB, Autodesk Fusion 360, Microsoft Office

Tools: Git, Bash Terminal

Awards: John McMullen Dean Scholar, High School Valedictorian, PSGN Best IGCSE Physics Student of the Year 2018

Interests: Software Engineering, Entrepreneurship, Tech Consulting, Soccer