

Aaron Kebede

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EXPERIENCE

Lehigh University, Bethlehem, PA — Undergraduate Research Assistant

May 2020 - August 2020

Was part of a research team that works with an international group of scientists and engineers to map the quark-gluon plasmas phase diagram at Solenoidal Tracker at RHIC. Assisted in data analysis using ROOT by creating histograms and analyzing the results of the outcomes of collision in the Collider.

- Work on a personal project that helps drive the team forward
- Analyze raw data from colliders and convert it to meaningful presentations
- Use software such as ROOT with languages such as C++
- Simplifying and presenting complex physics concepts every week

CTP Ethiopia Inc., New York, New York — Web Designer

May 2020 - December 2020

Designed and self-hosted a Moodle website for virtual lessons for over 280 students, completely remade the CTP Website using WordPress, and migrated the Moodle Data to the newly made website.

- Perform Software Updates, Installations, Customizations on a Linux Virtual Server
- Working on User Identity Management, Authentication, and Security
- Plan and implement cost-effective methods to accommodate the large user base

EDUCATION

Lehigh University, Bethlehem, PA — BS Physics and Computer Science

Expected May 2023

GPA Overall: 3.86

Important Coursework: Introductory Physics I and II, Introduction to Astronomy, Calculus I, II, and III, Classical Mechanics, Linear Methods, Intro to Computer Science, Probability and Statistics

PROJECTS

The Physics Times — Founder

Founded and built a bilingual science news website where major scientific news is published. Maintains social media accounts and forums with over 7600 people currently on the network: www.phytimes.xyz.

SKILLS

ROOT, HTML, Development in Linux environments, Java and C++, CMS & LMS, MS Office, Visual Studio, AWS

AWARDS

A Dean's Scholar Awardee

Lehigh Dean's List

ACTIVITIES

Society of Physics Students, National Society of Black Physicists, Student Library Advisory Board, Ethiopian Physical Society in North America

ADDITIONAL

Details and additional experiences Available on my cv at bit.phytimes.xyz/cv

