

Bryan Kongnyu

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EDUCATION

Cornell University, Ithaca | CALS

Ithaca, NY

Bachelor of Information Science | Minor in Computer Science | GPA: 3.0

May 2025

- **Relevant Coursework:** Object-Oriented Programming and Data Structures (Spring 2022), Intro & Intermediate web design (Fall & Spring 2022-23), Data Science (Spring 2023), Data Structures and Functional Programming (Spring 2023), Introduction to Computing (Spring 22), C++ (Fall 2023), Data-Driven Web Applications (Fall 2023), Communications and Technology (Fall 23), Human-computer interaction (Fall 23)
- **Awards/Honors:** Certificate in Web Design 2023

WORK EXPERIENCE

Yale University - Genetics Lab

New Haven, CT

Research Assistant

June/2020 - May/2021

- Utilized HTML, CSS, and JavaScript skills to advance the lab's website, improving the user experience
- Collaborated with a team of 5 Yale professors to analyze images of mRNA to determine focal adhesions
- Applied skills in Python and ImageJ for sophisticated data analysis, assisting in detailed reports and insights.

Cornell University - Communications and Collaborative Technologies Lab

Ithaca, NY

Research Assistant

September/2023 - present

- Aided in crafting and optimizing communication protocols using Python and Java to enhance efficiency.
- Utilized machine learning models to analyze user data and improve collaborative technology functionalities.
- Contributed to agile development in a cross-functional team, utilizing Git and JIRA for a streamlined project

Cornell University - Scholar Group

Ithaca, NY

Kessler Scholars Mentor

August/2021 - present

- Participated in community-building exercises and community service
- Mentored first-year students as a sophomore and shared my experience coming to Cornell
- Shared school or college experiences and advised on campus life, classes, and professors and teachers

LEADERSHIP EXPERIENCE & ACTIVITIES

Underrepresented Minorities in Computing at Cornell (URMC)

Ithaca, NY

Member

August/2021 - present

- Actively participated in Cornell's Underrepresented Minorities in Computing group, promoting diversity
- Attended monthly club meetings, and participated during team building sessions
- Collaborated on diverse teams to develop tech solutions and projects to problem-solving in computing

Pre-Professional Program at Cornell

Ithaca, NY

Profession Track

August/2021 - present

- Attended weekly gatherings and current Mentor for 1st-year students
- Participated in multiple community service opportunities and community-building workshops

Personal Projects

January/2022 - present

- Developed a catalog-based website utilizing PHP, HTML, and CSS, incorporating user login/logout features
- Created a multiplayer video game similar to the popular game Ludo with 3000 lines of code using Ocaml

SKILLS & INTERESTS

Coding Languages: Java, JavaScript, HTML, CSS, Python, OCaml, R/R-studio, C++, React, Angular, SQL, Nodes.js

Skills: problem solving, collaboration and team work, adaptability, attention to detail, and time management

Spoken Languages: English, French, Spanish, and Afrikaans

Interest: Software development, frontend development, UI/UX design, Data Science, and Tech Consulting