Christopher Chika

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EDUCATION

University of California, Berkeley — Berkeley, CA
Bachelor of Arts in Computer Science, Applied Mathematics — *Expected 2027*

Relevant Coursework:
Structure and Interpretation of Computer Programs, Data Structures and Algorithms (Spring 2024), Discrete Mathematics and Probability Theory (Spring 2024), Calculus I, Calculus II

EXPERIENCE

Math Tutor — June 2020 – Present
The Scalar Learning — *Los Angeles, CA*

- Tutored students in Math subjects that are covered on the SAT/ACT
- Evaluated students' learning styles and provided appropriate techniques for maximum understanding.
- Gave students tips and tricks on how to do well on the Math section of the college admissions exams

Medical Intern — August 2022 – June 2023
John Muir Health — *Brentwood, CA*

- Learned about career opportunities and did student workshops on improvement in the field of medicine
- Helped care and assist patients with their day-to-day needs
- Won prize money for John Muir Health Social Innovation Challenge Team Winner - Vaxsense! which helped disapprove vaccine misinfo and provide resources for communities of color

PROJECTS

Autocorrected Typing Software | *Python*

- Measures typing speed and autocorrects words incorrectly spelled by user
- Emphasized use of lists, list comprehensions, recursion, and data abstraction
- Implemented a multiplayer version where you can race against friends

Hog Dice Game | *Python*

- Developed a simulator and different strategies to implement a two-player dice game
- Demonstrated use of control statements and higher-order functions
- Had a challenge on how to create the ultimate strategy

Ants vs SomeBees | *Python*

- Created a tower defense game where specialized ants must defend their colony from invading bees
- Used an object-oriented programming paradigm: emphasized use of classes, inheritance, and composition
- Inspired by the game Plants v Zombies

TECHNICAL SKILLS

Languages: Python, SQL , Java(Spring 2024)
Developer Tools:VS Code, Visual Studio, PyCharm,Git(Spring 2024)
Libraries:NumPy, Matplotlib , Jupyter NoteBook

INTEREST/HOBBIES

Black Engineering and Science Student Association, CS Scholars, Mathematics Undergraduate Student Association, Esports