

Kenny Sun

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EDUCATION

Clemson University

Clemson, SC

Bachelor of Science in Computer Science, Honors College, 4.0 GPA

Aug. 2023 - May 2027

- Relevant Coursework: Programming Methodology (A), Linear Algebra (A), Algorithms and Data Structures (IP), Discrete Structures for Computing (IP), Introductory Business Statistics (IP)

J.L. Mann High School

Greenville, SC

High School Diploma, 5.076 GPA

Aug. 2019 - May 2023

EXPERIENCE

Undergraduate Computer Science Teaching Assistant

Jan. 2024 - Present

Clemson University

Clemson, SC

- Co-led lab sections for CPSC 1020 by teaching lessons and answering student questions
- Host office hours to help students understand class material (C++)
- Collaborate with other TAs and the professor to ensure the success of all students
- Grade lab assignments and programming projects

RECF Vex Robotics - Volunteer

Aug. 2021 - Present

Schools in Greenville County

Greenville, SC

- Assist in tournament set up and help run robotics tournaments across the state to promote STEM education
- Volunteer as a referee for robotics matches
- Provide assistance with technical troubleshooting during events

J.L. Mann Robotics Club - Club President

Aug. 2022 - May 2023

J.L. Mann High School

Greenville, SC

- Oversaw general management of a large club organization with 10 sub-teams and over 60 members
- Worked with Vice President, Treasurer, and club Mentor in a professional environment to lead the club to success
- Taught other students in the club about the fundamental concepts of robotics
- Built and programmed robots to compete in various challenges
- Used C++ to autonomously control robots using control systems such as PID

Bulgogi Korean Grill - Server

June 2022 - October 2022

Bulgogi Korean Grill

Greenville, SC

PROJECTS

Poker Hand Evaluator | C++, Pointers, Basic Combinatorics, OOP, Makefiles

Oct. 2023 - Dec. 2023

- Terminal program that evaluates the strength of players' hands in Texas Hold Em' Poker
- User is prompted for players' cards and community cards before responding with the evaluation of each player's hands
- Uses dynamically allocated memory dependent on the number of players playing and the stage of betting

Personal Website | HTML, CSS

Nov. 2023 - Present

- Created a simple website using HTML and CSS to display projects

Vignere Cipher Encoder and Decoder | C++, Linked Lists, Queues, OOP

Oct. 2023 - Nov. 2023

- CPSC 1070 project that involved encoding messages using a vignere cipher

TECHNICAL SKILLS

Languages: C/C++, Java, Exposure to Python, Exposure to HTML and CSS, Exposure to C

Developer Tools: GitHub, VS Code, Emacs

AWARDS

2023 CU Hack It Freshman Hello World Competition: Best Hardware Hack

South Carolina Palmetto Fellows Scholarship Recipient

2021 - 2022 VEX Robotics South Carolina State Championship: Tournament Champions