

# KENNY JUNG

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## EDUCATION

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**University of California, Merced**, Merced, CA

*Expected May 2022*

*Bachelor of Sciences: Major in Computer Science and Engineering*

**GPA: 3.97**

Coursework: Data Structures, Computer Organization and Assembly Language, Discrete Mathematics

Honors/Awards: Fiat Lux Scholar, Chancellor's Honor List, Dean's Honor List, Google HSLCS Attendee

## EXPERIENCE

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**Association of Computing Machinery**, Merced, CA

*Aug 2019-Present*

*Member*

- Attend workshops to further develop technical and professional skills
- Tour tech companies in the San Francisco Bay Area to familiarize with company culture
- Help each other and other students with understanding core concepts in computer science

**Livingston Community Health**, Merced, CA

*Sept 2018-Feb 2019*

*Cancer Research Intern*

- Researched public health information about cancer for Microclinic – an app in development which will provide free general healthcare
- Surveyed citizens of Central California to improve Microclinic's potential function to the community
- Brainstormed features from the survey data to implement into the app
- Wrote a collaborative literature review consisting of the gathered data for Microclinic's sources

**The Student Scientist**, <https://thestudentscientist.org/>

*May 2018-Jan 2019*

*Member*

- Wrote articles about chemistry, biology, and psychology to promote applied science knowledge
- Worked with other writers to brainstorm scientific topics to write about
- Mentored high school seniors to prepare them for college applications, scholarships, and programs

## PROJECTS

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**School GPA Calculator**

*Oct 2019-Present*

- Built a GPA calculator template for the different schools at the University of California, Merced
- Created a JavaScript library consisting of functions that generates GPA templates for each school
- Learned how to build a UI through a JavaScript library using ES6 and Webpack

**Word Search Solver**

*Feb 2020-March 2020*

- Constructed a program that takes in text files of a block of letters and a word bank to solve the puzzle
- Thought of an original algorithm that can search left to right, right to left, top to bottom, and diagonally
- Learned how to use pointers and dynamically allocated memory in place of arrays

**Searching/Sorting Visualizer**

*Dec 2019-Jan 2020*

- Launched a web application that visualizes searching and sorting algorithms
- Programmed the application with React and wrote a description of the theory behind the algorithms
- Provided a teaching tool for students learning data structures and searching and sorting algorithms

## SKILLS & INTERESTS

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Technical: C++, C, Python, Java, HTML, CSS, JavaScript, React.js, Git, Searching/Sorting Algorithms

Languages: English (native), Korean (native), Spanish (limited)

Additional Interests: Basketball, Fitness, Cooking, Mathematics