Gavin Cooke

gecooke@ucsc.edu
(650) 339-9731 - Half Moon Bay, California

Education:

Bachelor of Science (B.S.) in Computer Science   December, 2021
University of California, Santa Cruz   GPA: 3.85

Relevant Coursework:
- Introduction to Networking, Web Applications
- Computational Methods and Applications, Introduction to Scientific Computing
- Database Systems I, Database Systems II
- Applied Machine Learning, Artificial Intelligence and Music, Game AI
- Introduction to Software Engineering

Projects:

Website Design, CSE 183 Web Applications, UCSC, Santa Cruz, CA
- March 2021 - June 2021
- Helped design a website called CollabCanvas where users could contribute to a global image
- Created the site by using a combination of Python, Javascript, and HTML code
- Deployed the site to the web using Google Cloud
- Worked in a team with three other Computer Science students

Creating a Simple Database System, CSE 181 Database Systems II, UCSC, Santa Cruz, CA
- March 2021 - June 2021
- Worked in a team with two other Computer Science students
- Began with creating and managing Record Based Files, then we added more complexity with the additions of abstraction layers and indexes
- The final product was able to create and destroy tables, create indexes on attributes of tables, as well as perform searches and joins on tables

Discord Bulletin Bot, CSE 115, Introduction to Software Engineering, UCSC, Santa Cruz, CA
- September 2021 - December 2021
- Used the Discord.js interface to notify users about posts on relevant topics
- Worked in a group with five other students following the Agile methodology

Tutoring, CSE 180, Database Systems I, UCSC, Santa Cruz, CA
- September 2021 - December 2021
- Held weekly sessions for the duration of the class, and additional sessions for exam preparation
- Helped students understand class concepts and homework assignments

Computer Skills:

Languages: Familiar with C, C++, Java, Javascript, Python, HTML, CSS, SQL
Techniques: Scrum methodology