

Balaram Behera

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Skills

Proficient in Java, Python, C, C++, Unix, Javascript, Git
Strong mathematical base of logic, algorithm analysis, and graphs
Pronounced organization, time management, and prioritization skills

Work Experience

YektaSonics Inc. / Winter 2020 - Now
Software Engineering and Mathematics Intern
Created interface with the hardware, developed the Operating System for their novel ultrasound machine and built signal processing systems all in C++.

Education

University of California - Santa Cruz / Fall 2019 - 2021
B.S. Computer Science & B.A. Mathematics
Data Structures, Algorithms, Machine Learning, Graph Theory, Number Theory, Randomized Algorithms & Complexity, Advanced Linear Algebra, Computational Models, Computer Architecture
Recipient of Regents Scholarship (\$10K)
GPA: 4.00
Foothill College / Summer 2016 - 2018
A.S. Computer Science & A.S. Mathematics
Java, Python, Linux/Unix, Discrete Math, Linear Algebra, Advanced Calculus
GPA: 3.88

Projects

Studu / Summer 2018 - 2019
Python/Node.js web application to assist college students in STEM classes. Collaborated with professors at Foothill College to cater to their needs.
Graph Sorting Algorithm / Winter 2019
Developed an efficient original sorting algorithm employing graphs. Paper won Dean's Award: in the top 10 of all undergraduate papers in the UCSC Engineering Division.
Sudoku Solver / Winter 2019
Employs graph coloring to systematically solve a Sudoku puzzle in Java.

Activities

Introduced literature on yoga and meditation for students at Foothill College
Participated in the Foothill College Hackathon and Workshops
Member of the Data Science Club, Machine Learning Club at UCSC