

# ANAND DAS

Santa Clara, California · ananddas@berkeley.edu · (408)-618-1426

## EDUCATION

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### University Of California, Berkeley

Bachelors of Art in Computer Science

Berkeley, CA

Aug 2021 - May 2023

### Mission College

Associates in Science in Mathematics *GPA: 4.0*

Santa Clara, CA

Aug 2019 - May 2021

### Relevant Coursework:

CIS 043: Software Development with Java, CIS 044: Intro to Data Structures Using Java, CIST 004A: C++ Programming, CIST 039: Micro Assembler Programming, MAT 19: Discrete Mathematic

## SKILLS

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Programming Languages: Java, C++, Python, HTML and CSS

Libraries: Matplotlib, Numpy

SDK's: Qiskit

## WORK EXPERIENCE

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### Air Force Institute of Technology

*Research Intern*

Remote

Aug 2020 - May 2021

- Utilized Qiskit to build quantum circuits to test on IBM quantum computers
- Calculated and graphed probability similarity measures using Python and Matplotlib
- Analyzed resulting data using Numpy to determine most efficient error encodings
- Simulated quantum hardware and noise using Qiskit

### Mission College Academic Support Center

*Computer Science Peer Tutor*

Santa Clara, CA

Jan 2020 - May 2021

- Mentored students in Java and C++
- Underwent rigorous training to apply effective communication skills and foster critical thinking
- Advised multiple students on various Java projects

## PROJECTS

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### Mission Cafeteria App *Java*

Created a GUI in Netbeans using Java that demonstrated frontend elements of a food ordering app for Mission College's cafeteria.

### Mission Practice *HTML, CSS*

Static website compiling practice tests for Mission College's calculus II courses.

### Personal Site *HTML, CSS*

Developed a static website using HTML and CSS displaying resume information

### Trivia App *Java*

Used Java in Android Studio to develop a simplistic trivia app

## AWARDS

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### Mission College Honors

Maintained higher than 3.8 GPA throughout all terms at Mission College

Mission College

May 2021

### AP Scholar

Successfully passed more than 3 AP exams

CollegeBoard

July 2018

### Top 15

Ranked in the top 15 out of 400 students based on GPA

Wilcox High School

2015, 2016, 2017, 2018