

Anish Kannan

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Education

UC San Diego

2014 – 2018

Bachelor of Science in Computer Science, La Jolla, CA
Entering Freshman

Mission San Jose High School

2010-2014

High School Diploma, 3.791/4.0 GPA

Awards: National Merit Scholar

Relevant coursework

Applicable Courses at Foothill Community College

CS 1A – Object Oriented Programming Methodologies in Java

- Understanding how to use the object-oriented design paradigm.

Applicable Courses at Coursera.org

Algorithms: Design and Analysis (Part 1, Part 2) by Stanford University

- Learned about fundamental principles of algorithm design.
- Worked on Divide and Conquer, Greedy, and Dynamic Programming paradigms.

Algorithms, Part 1 by Princeton University

- Focused on implementation of algorithms and corresponding data structures.
- Studied sorting algorithms, binary search trees and iterable data types and more.

Human Computer Interaction by UC San Diego

- Learned to design with an emphasis on usability.

Current Courses at UC San Diego

CSE 11 – Intro to Computer Science and Object-Oriented Programming: Java (Accelerated Pace)

- Getting an introduction to programming methods and paradigms in Java.
- Topics include modularity, abstraction, documentation and testing.

Math 20C – Calculus for Science and Engineering

- Multivariable calculus including vector functions and double differentiation.

Skills

Java

Adobe Photoshop and Illustrator

Projects

Legacy Dungeon

- Co-developer of dungeon crawler game; still developing.
- Written in Java using swing and data structures.

Activities and experiences

Robotics

- Worked to introduce younger students to science, technology, engineering, and math
- Participated as programmer; team competed in international championships.

Volunteered for over 300 hours

- Tutored senior citizens on computer usage with topics such as excel, gmail, word.

Summer Program for Incoming Students

- Learned basics of python and hardware with Raspberry Pi.
 - Built a robot that would detect motion.
 - Ran mini-game jams that lasted for 1-4 hours with scratch and pygame.
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