**Anish Kannan**

www.anishkannan.me • ankannan@ucsd.edu • 510-324-6501 • github.com/anikan • linkedin.com/in/anishkannan

**Education**

**UC San Diego 2014 – 2018**

Bachelor of Science in Computer Science, La Jolla, CA GPA: 3.9

**Relevant coursework**

**Applicable Courses** at Coursera.org

Algorithms, Part 1 by Princeton University

* Data Structures and Algorithms.
* Sorting algorithms, binary search trees, iterable data types and more.
* Divide and Conquer, Greedy, and Dynamic Programming paradigms.

Human Computer Interaction by UC San Diego

* Design with an emphasis on usability.

**Courses** at UC San Diego

CSE 11 - Object-Oriented Programming with Java

* Modularity, abstraction, documentation and testing.

**Personal Projects**

Legacy Dungeon - Dungeon Crawler game in Java- github.com/DontSuCharlie/LegacyDungeon May 2014 – Ongoing

* Teamwork - Programming with a friend.
* AI - Programmed chase and run AI using A\* search.
* Multi-threading - Implemented for parallel animation and computation processing.
* Programming Architecture - Reduced CPU usage by 50% per turn.

**Activities and experiences**

SILVR: 1/15 -

* Designing and programming an educational VR experience using Oculus Rift and Unity.
* Creating interest in space.

Beginner's Programming Competition 12/6/14

* Solved logic problems with Java in 2.5 hours
* Achieved 3rd place out of 117 teams.

Psychic: Hackathon Project at SBHacks 2015 – github.com/anikan/Psychic 1/30/15 - 2/1/15

* Integrated Oculus Rift, Leap Motion, and Unity Game Engine to create a game involving Psychic powers. Pull, push, throw objects in the environment.
* Implemented AI
* Designed player experience and scenes.

Fixey: Hackathon Project at CalHacks 2014 – [www.fixey.herokuapp.com](http://www.fixey.herokuapp.com/) 10/3/15 - 10/4/15

* Worked with backend- used Google Maps API to optimize different possible routes and modes of transport.
* Won best Health Hack presented by Castlight Health over 7 other teams working on health.

**Skills**

Java (Experienced), Python (Prior Experience)

Adobe Photoshop and Illustrator