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 UC San Diego
CSE 12
- Data Structures and Analysis of Algorithms.
- Sorting algorithms, graph theory, binary search trees, hash tables.
- Divide and Conquer, Greedy, and Dynamic Programming paradigms.

CSE 30: Computer Architecture and Assembly

Personal Projects

Starfly Online – Multiplayer Space game in Java   January 2015 – Ongoing
- Teamwork - Programming with others.
- AI - Programmed basic chase AI.
- Phabricator: Experience with code review and phabricator tools.
- Used Entity-Component-System design pattern.

Activities and experiences

Psychic: A first-person action game built with the Unity engine. Released at   7/15 – 8/15
    www.kongregate.com/games/robot1110/psychic
- Designed experience while implementing user feedback

Tutor for CSE 8B: 4/15 – 6/15
- Helped students understand intermediate Java concepts such as Polymorphism.
- Developed a tool to help quickly grade style on assignments with shell scripting.

Beginner's Programming Competition   12/6/14, 5/25/15
- Solved logic problems with Java in 2.5 hours
- In the Fall competition, achieved 3rd place out of 117 teams.
- In the Spring competition, achieved 5th place out of 53 teams

Psychic VR: 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   10/3/14 - 10/4/14
- 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