Anish G. Krishnan

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Education

Carnegie Mellon University

Information Systems and Computer Science
Dean's List every semester
Class of 2021 ● GPA **3.76**

Relevant Course Work:
15-112 Fundamentals of Programming (Python)
15-122 Data Structures (C)
18-090 Signal Processing
15-150 Functional Programming (Standard ML)
15-251 Great Theoretical Ideas in Comp Sci
15-213 Computer Architecture
67-262 Database Design/Development (SQL)

Technology/Framework

Android	Flask
iOS	Git
Firebase	ARCore/Sceneform
Leap Motion	Google Cloud Platform

Languages

Experienced
Python
C
Java
Functional Programming
HTML5
JavaScript
CSS3

Proficient
SQL
Yaml
Unity
Assembly

Experience

YAHOO! Software Engineering Intern

Designed and Developed an Augmented Reality based Advertising Platform for Android Mail Client using Google ARCore, Sceneform. Built using Java/Kotlin

Watchdog Co-Founder

Design Patent Pending: Consumer Sensor Based Criminal Inhibition Technique. Developed an alert based criminal inhibition platform to navigate users out of dangerous areas using artificial intelligence and crowdsourcing.

IBM Almaden Research Center

Youngest attendee invited to join the 200 leaders in Silicon Valley at the 30th Anniversary

Projects, Awards & Honors

Air DJ

Developed a Virtual Reality based DJ application in Python using a Leap Motion Sensor and Fourier Transform. An intuitive new method of convolving music with the hands without the use of a keyboard or mouse.

Carnegie Mellon Hackathon – Won Best Google Award

Developed a VR app for users to practice presentations in front of an active audience. This app uses Natural Language Processing and gives feedback on the speech based on rhythm, stutters, project, and vigor

AT&T Shape Hackathon – $20,000 Grand Prize Winner

Developed a platform that helps victims of physical violence and promotes community safety.
https://developer.att.com/blog/shape-hackathon-winners

Cupertino Hacks II – 1st Place Winner

Developed an alert based criminal inhibition platform that helps victims of physical violence and promotes community safety

Cupertino Hacks – 1st Place Winner

Built a platform that allows users to create and enhance their music with little background knowledge

Teen Hackathon – Award Winner

Built an application on top of School Loop with helpful features such as calculating a necessary grade for a class and predicting the time needed to finish homework

Succinct – Built at Hacking EDU

A novel algorithm that converts a picture into summary, flash cards, editable notes and provides sources to study.

Synopsys Championship – 1st Winner, California State Science Fair – Award Winner

Built a Noninvasive Low-Cost Electronic Nose Breath Analyzer to Detect the Lung Cancer

Synopsys Championship – 1st Winner, Broadcom MASTERS Fair – National Finalist

Regenerative Acceleration Generator Technology to Extend the Mileage of Alternative Fuel Vehicles