Anish G. Krishnan

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EDUCATION

CARNEGIE MELLON UNIVERSITY (*Dean's List*) — Class of 2021
Information Systems and Computer Science — Current GPA 3.76

Relevant Courses:

15-112 Fundamentals of Programming (Python)
15-122 Imperative Programming/Data Structures (C)
15-150 Functional Programming (Standard ML)
21-127 Concepts of Mathematics
18-090 Twisted Signals – Multimedia Processing
67-250 The Information Systems Milieux

PROFICIENT LANGUAGES & TECHNOLOGIES

Python, Java, C, JavaScript, HTML5, CSS3, Unity, GIT, Photoshop

EXPERIENCE

Watchdog Co-Founder — Jul 2016 – Aug 2017

- 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.
- Developed a search algorithm to extend the search within the audio/video contents to get the right segment of the content.

Nearshore Systems - Website Developer/Marketing Advisor — Jun 2016 – Aug 2016

Monta Vista High School, Chemistry Department, website developer — Aug 2015 – May 2016

IBM Almaden Research Center — Aug 2016
Youngest attendee invited to join the 200 leaders in Silicon Valley at the 30th Anniversary

PROJECTS

- Developed Tetris, Sudoku games in Python
- Developed Turtle LOGO program in Python
- Course Project: Developed a Virtual Reality based DJ application in Python using a Leap Motion Sensor and Fourier Transform. Air DJ is an intuitive new method of convolving music with the hands without the use of a keyboard or mouse.

AWARDS & HONORS

AT&T Shape Hackathon --- $20,000 Grand Prize Winner — Jul 2016
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 — Jun 2016
Developed an alert based criminal inhibition platform that helps victims of physical violence and promotes community safety

Cupertino Hacks --- 1st Place Winner — Jun 2015
Built a platform that allows users to create and enhance their music with little background knowledge

Teen Hackathon --- Award Winner — Apr 2015
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 — Oct 2015
A novel algorithm that converts a picture into summary, flash cards, editable notes and provides sources to study.

StopIt --- Built at Angel Hacks Silicon Valley — Jul 2015
An Android and Web based app designed to catch and stop bullying at schools.

Synopsys Championship --- 1st Place Winner, California State Science Fair --- Award Winner — May 2015
Built a Noninvasive Low-Cost Electronic Nose Breath Analyzer to Detect the Lung Cancer

Synopsys Championship --- 1st Place Winner, Broadcom MASTERS Science Fair --- National Semifinalist — Mar 2014
Regenerative Acceleration Generator Technology to Extend the Mileage of Alternative Fuel Vehicles