

Shiv Ansal

A senior in high school interested in machine learning and artificial intelligence looking for research opportunities over summer of 2017.

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SKILLS

- UI/UX Design
- FrontEnd Development
- Mathematical Computing
- Data Structures and Computer Vision
- Machine Learning
- Artificial Intelligence
- Neural Networks/Neuro-Evolution
- Raspberry Pi
- Adobe Photoshop and Illustrator Sketch
- Full-stack development

Proficient Programming Languages and Libraries:

Java, Python, HTML, CSS, Javascript
JQuery, Node.js, React.js, Angular.js

Pandas, Numpy, Sklearn, Keras, Tensorflow,
Matplotlib, Seaborn, OpenCV, SciPy

Firebase, G Maps, Youtube API, Quizlet API,
Twilio API, AWS

Developing Programming Languages and Libraries:

Ruby, R Language, Swift, SQL, PHP, C++

EDUCATION

Monta Vista High School

EXPECTED GRADUATION 2018

Relevant Coursework: AP Computer Science, AP Biology, JAVA

Stanford University Summer College

SUMMER 2016

Relevant Coursework: Mathematical Foundations of Computing, Client-Side Internet Programming

De Anza College

WINTER - SPRING QUARTER 2017

Relevant Coursework: Calculus 1A. Calculus 1B

EXPERIENCE

Research Intern

JUNE 2017 - PRESENT

Stanford University: The Wall Lab

Project – Emotion and Behavior Analysis of Autistic Spectrum Disorder using Google Glass

MAY 2017- PRESENT

Research project focused on detecting emotions in autistic students by analyzing multiple data-points such as facial features, tone of voice, hand movements, and more. The final objective of the project is to take this technology and implement with optic technology such as Google Glass and take it into a educational setting. This will enhance the teaching process as you are able to communicate accurately in real-time.

Software Engineering/Machine Learning Intern

MAY 2017 - PRESENT

UnShackled Venture Capitalist

Founder and Executive Director

JANUARY 2017 - PRESENT

DeCode Education

Create and teach Computer Science curriculums in multiple development platforms such as iOS and Android. Lead a team of over 30 volunteers and organize overall operations of the whole organization.

Co-President and Committee Head

JUNE 2016 - PRESENT

Silicon Valley Design-It

Execute marketing plans for different graphic design programs and run weekly community meetings. Run and develop website using a range of different programming languages.

Executive Director of Operations

MAY 2016 - MAY 2017

Monta Vista Distributive Education Clubs of America

Responsible for allocating over \$100,000 in cashflow. Organized and planned member events and have arranged internal registration. Designed other promotional material such as flyers, etc.

Director of Design and Global Board Member

JANUARY 2016 - MAY 2016

SecondGen

Responsible for developing designs and promotional material. Lead outreach events at companies such as HPE. Lead brand redesign helping establish relations with organizations such as Dr. Pepper, HPE, Google, and more.