

Adnaan Sachidanandan

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Education

University of California, Berkeley – Freshman, Computer Science 2018 – 2022

- Relevant Coursework: Structure and Interpretation of Computer Programs, Linear Algebra and Differential Equations

Henry M. Gunn High School, Palo Alto, CA – 4.0-4.5 Unweighted-Weighted GPA 2014 – 2018

Experience

Vizru – Jun - Aug 2018

Technical Intern

- Created chatbot system in Python to be implemented in Vizru's workflow that implements SnipsNLU for intent parsing and classification
- Developed a parser both in Python and their workflow with regular expressions to process complex files provided by a client.

Challenge To Conquer – Sep 2016 - Present

Website Developer

- Built the website for the organization, a nonprofit collecting donations in the US for financially-challenged hospitals in India
- Designed and wrote code for the website from scratch using jQuery and Bootstrap
- Currently working on full redesign of the website to add a responsive structure and improve the content

GunnHacks – Sep 2015 – May 2018

Head Organizer

- Organized iterations of the event for over three years
- Created the hackathon website, gathered sponsors, and organized the logistics of the event.
- Managed the entirety of GunnHacks 4.0 as a head organizer

ON.Lab – Jun - Aug 2017

Technical Staff Intern

- Wrote a proof of concept with gNMI for developers of the analytics portion of an open source project, CORD
- Created a topology overlay application for another open source project, ONOS
- Wrote testing scripts and fixed issues in the code for ONOS

Palantir – Feb 2016 - Sep 2017

Project Collaborator

- Worked on a Javascript project, called Grommit, with engineers and project managers from Palantir

TiVo – Jul - Aug 2016

IT Intern

- Set up a system that tested multiple API's and constructed an HTML page displaying the results and other information for each API test
- Created a program that recorded the screen during automated tests involving Selenium

Programming Languages and Skills

- Expert: Java, Python, Javascript, HTML and CSS, Git, REST, Firebase
- Proficient: PHP, Scheme, Node.js, Flask
- Basic: Swift, Go

Awards

PennApps Route | Best Google Cloud Machine Learning API Hack – Oct 2017

- Won at PennApps XVI; Project: Karo

Best Use of Expo.io – Oct 2017

- Won at PennApps XVI; Project: Karo

Top 30 at PennApps – Oct 2017

- Won at PennApps XVI; Project: Karo

Meridian Best Medicare Adherence App – Sep 2016

- Won at MHacks 8; Project: Health.me

HackingEDU 2nd Place Winner – Oct 2015

- Won at HackingEDU; Project: HackChair.js

Selected Projects

Karo

- An automatic manga translator that uses a convolutional neural network, flood-fill algorithm, and Google services to detect and translate text blurbs.

Net-Collector

- A system that enables individuals to set up probes in networks to gather internet packets for monitoring the network

Grommit

- A website that displays a map with color-coded tiles over Palo Alto representing the time it takes to travel to those tiles from a selected location
- Users can compare different transportation methods to see which one is the best for them

Organization Positions

- Cal Hacks (UC Berkeley) – *Director*
- Statistics Undergraduate Student Association (UC Berkeley) – *Research and Publication Committee*
- United Computations Club (Gunn) - *Vice President*
- TEDxGunnHighSchool - *Head of TechGunn*
- Virtual Reality Club - *Head of Programmers*