

Adnaan Sachidanandan

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Education

University of California, Berkeley – Computer Science – 4.0 GPA

2018 – 2022

Relevant Coursework: CS 61A: Structure and Interpretation of Computer Programs, Math 54: Linear Algebra and Differential Equations, CS 61B: Data Structures, CS 70: Discrete Mathematics and Probability Theory

Experience

VMware – May - Aug 2019

Cloud Engineering Intern

- Designed and implemented, from scratch, an internal system that improves the end-to-end release cycle for VMware's private cloud product
- Worked on a full-stack system with an Angular frontend, Spring/Java backend, and Postgres database/persistence
- Worked in an Agile development process with biweekly sprints
- Presented system to an internal company-wide audience

Cal Hacks – August 2018 - Present

Director, Tech Team Lead

- Leading a team of four directors to work on the entire Cal Hacks tech suite, including the application system which supports over 5,000 applications and the main website.
- Led judging for Cal Hacks 5.0; gathered judges for the event and managed the judging expo and criteria

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

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

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

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 – In Collaboration with Palantir

- 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

Programming Languages and Frameworks

- Expert: Java, Python, Javascript, HTML and CSS, Git, REST, Firebase
- Proficient: PHP, Scheme, Node.js, Flask, Spring, Angular, Postgres, SQL, TypeScript, jQuery