

# ATHREYA ANAND

## CS STUDENT

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### CONTACT

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### TRACE Studios\_

Founder and Developer

Los Angeles, CA

# 2015 > Present

### Tesla Inc.\_

Software Eng./IT Intern

Palo Alto, CA

# Jun 2015 > Jul 2015

### Calicom - Video A.I. Startup\_

Software Eng./Marketing Intern

Palo Alto, CA

# Aug 2016 > Sep 2016

### Boingo Wireless\_

Software Eng. (DevOps) Intern

Los Angeles, CA

# May 2018 > Sep 2018

### BuildGT Hackathon\_

# Spring 2018

### Boingo Hackathon\_

# Aug 2018

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### INSIDER

Mobile Game Application

JAVA

### BINDER

Mobile Util. Application

JAVA

### MINDLESS

Mobile News Application

JAVA

### CUEX

Mobile Util. Application

JAVA

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### Georgia Institute of Technology

College of Computing, **Honors**

Graduation: **May 2020**, GPA: **3.6**

### OBJECTIVE:

- Seeking a software internship in order to gain exposure and use experiences in designing programs, machine learning and artificially intelligent software, as well as mobile and web applications

### SKILLS:

JAVA\_

ANSIBLE\_

JAVASCRIPT\_

BASH\_

Machine Learning\_

SWIFT\_

PYTHON\_

CSS\_

HTML\_

C\_

### EXPERIENCE

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- Became interested in mobile application development and began personal dev. company  
- Produced 6 applications; 3 published to play store, 2 submitted to competitions  
- Ranked top 100 financial applications in three countries for Cuex: a currency exchange app  
- ~10,000 downloads across all applications produced

- Organized servers in data center and helped with software maintenance and backups  
- Shadowed several developer meetings and helped with basic tasks  
- Learned how a leadership team works at the corporate level  
- Gained exposure to the plethora of different teams working on unique projects

- Contributed basic Javascript and HTML/CSS to code base  
- Worked out of an apartment office and got a true "startup experience"  
- Debugged website, designed promo-video, and proofread pitches/scripts  
- Shadowed online development meetings and scouted competitor products

- Wrote 20+ automation with bash/ansible scripts to automate net engineering tasks  
- Created automation job to reduce finance server creation down to 10 minutes from ~1 day  
- Won Boingo Hackathon with dynamic network load balancer script  
- Managed plethora of VMs and IPs through VMware and Infoblox

- Created a vr gamification of hole in the wall with a twist  
- Used: raspberry pi, web sockets, unity game engine, xbox kinect, skeletal recognition, & google vr

- Created a bash/expect script to automatically switch users based off of network load/usage  
- Switched users dynamically on boingos network from 2.4 ghz to 5 ghz leading to an average 112% speed improvement

### PROJECTS

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- First mobile application published to the play store; 7,000 downloads to date  
- Incorporates unique gameflow to allow for local "pass & play" multiplayer  
- Several algorithms used to incorporate bot/CPU players to substitute human players

- Incorporates a machine learning image recognition library in order to distinguish paper notes  
- Implements Evernote API for note storage and cross platform accessibility  
- Incorporates basic calendar functionality to store user/student schedule

- Incorporates custom JSON reader to grab data from online and display efficiently on screen  
- Utilizes the reddit API: app grabs stories from multiple subreddits and organizes accordingly  
- Emphasizes heavily on good UI and UX for ease of use and beauty-factor

- Incorporates live conversion API that always has the latest exchange rates  
- Reached top 100 financial applications in three different countries  
- Implemented live cryptocurrency conversions later in life cycle

### EDUCATION

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- Honors Student studying **Computer Science**

- **Relevant Coursework:** Intro to Artificial Intelligence, Machine Learning, Data Structures and Algorithms, Object Oriented Programming, Discrete Math