

Subhash Ramesh

GitHub: [galiboo](#), [thecooltechguy](#), [techscientist](#) (personal)

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Education

UC San Diego, **B.S. Computer Science**

Class of 2021

GPA: 3.821

Skills (4 yrs of experience)

- **Python (~4 years)**, Django & Flask
- **Java & Android (~4 years)**
- **AWS, Google Cloud**, Heroku, Git
- JavaScript & NodeJS
- PHP/MySQL (novice)
- MongoDB
- **A.I. & machine learning (TensorFlow)**, NLP
- HTML/CSS + Twitter Bootstrap, AngularJS

Notable Achievements



- **UNIVERSAL MUSIC GROUP** used a **music A.I. technology & data that I built**, for their **Berlin Hackathon**.
- **Featured on India's National news** for my work in technology

Work Experience

Galiboo, Inc. ([galiboo.com](#))

August 2017 - Present

Founder, early-stage A.I. startup

GitHub: [galiboo](#)

- Accepted into UC San Diego's startup incubator, The Basement
- Built an AI-powered music streaming service that serves the right music for your moment, automagically; 2+ years of R&D, used **Google Cloud, Python, & TensorFlow** **tech demo:** [demo.galiboo.com](#)

Decitech Consulting, Inc.

June 2015 – August 2015 (10th grade summer)

Software Developer Intern

- Built online payments feature for company's online IT training platform **using PHP/MySQL**.
- Built a web app that company uses to manage internal pay-slips for employees, using **Django/MySQL, AWS**.
- Built a system that company uses to sync files between their devices & their private AWS S3 storage, using **Python & AWS**.

Projects

Music A.I. technology – [apidocs.galiboo.com](#)

- Built an **A.I.-powered, REST API** that can extract hundreds of emotions and tags from any music audio.
- **Universal Music Group** used this **music A.I. technology API & data** for their Berlin hackathon (2018).

Jarvis A.I.

- Built A.I. assistant **Android app** to help me manage my day; understands & responds to my **natural language** queries using **NLP & machine learning**.
- Can access my computer remotely, create reminders, set alarms, manage shopping lists, & much more!
- Developed machine learning server using **Java & OpenNLP on Google Cloud**.
- Used **Twilio** to make my assistant accessible via phone call.

Olympus (open-source) - [github.com/galiboo/olympus](#)

- Tool for deploying any trained A.I./machine learning model as a REST API, using **Python & Flask**.
- **70+ stars** on GitHub within month of release, **trended on Reddit's official Python sub-reddit**

Leadership

Hosted 2-day Hands-on Android Development Workshop

November 2016 (12th grade)

Sponsored by IEEE, India (Madras Section)

- **Delivered 2-day, hands-on Android app development workshop to university students**; taught them how to start from idea, design an app, develop it, & distribute it successfully

Hackathons

Koding.com's Global Hackathon

December 2015 (11th grade)

Sponsored by Google, Intuit, PayPal, & more.

[github.com/techscientist/ChatsApp-Koding-Hackathon-Submission](#)

- **Passed 1st round of judging, landing among top 200 teams worldwide**
- Built voice chat app, that enables users to chat by speaking in their respective languages, which my app then automatically decodes, translates, & speaks to the end-user in *their* language.
- Used: **NodeJS, Redis, PubNub Real-time API, Yandex Translation API, Google TTS & Speech API**.