

EDUCATION

IMPERIAL COLLEGE LONDON - FIRST YEAR STUDENT

Enrolled in an undergraduate program (MEng Computing - Software Engineering). Started Fall 2017, ending 2021.

PROFESSIONAL EXPERIENCE

ENTREPRENEUR

- Currently raising pre-seed for a mobile application, collection metrics from >1000 respondents >300 beta testers.
- Founded Fawkes Robotics, a privately managed robotics group that won awards in several competitions. (2015-2017)
- Founded and pitched InMyMind, a wearable, always-on camera. Won 2nd place @ MIT Launch. (2015-2016)

MACHINE LEARNING INTERN

- Interned at Crane.ai during summer 2017.
- Worked mostly under Computer Vision and with applications of retrained Convolutional Neural Networks.

HACKATHON AMBASSADOR, NJ

- Ambassador for Hackster Live in NJ (2015-2016)
- Held meetups and mentored at several hackathons



PRIANSH SHAH

Coder, Maker, AI Hobbyist

Don't like reading PDFs all day?
A more creative resume is available at my
website linked below--fully open source as well!

FAVORITE STACKS/LANGS

Python (Flask, Numpy, Tensorflow, CV2)	● ● ● ● ●
Web Stack (HTML/CSS/JS, JSX, React)	● ● ● ● ●
Mobile Apps (React Native, Android+Java)	● ● ● ● ●
Miscellaneous (Unity3D, PebbleJS, COSMOS)	● ● ● ● ●

WHAT I'M PROUD OF

- World Maker Faire exhibitor
- Scholastic Gold Medalist ('17)
- MIT Launch 2nd place ('16)
- National Merit Finalist ('16-7)
- Top 10 PACTF players, Top 100 PicoCTF players ('17)
- ACT - 36/36, Presidential Scholar Candidate ('16-7)
- PyPi Module, my first published package console-logging: pypi.org/projects/console-logging

PROFILE

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I may be young but I've been coding for 6 years now. I started out with PebbleJS and Unity3D, and since then have branched into many stacks. I love using code to hack my life - especially with AI! I'm also a Maker and have presented at World Maker Faire twice, as well as regional Mini Maker Faires. I'm also a believer of Open Source!

SOME PROJECTS I'D LIKE TO HIGHLIGHT

ARTIFICIAL INTELLIGENCE

ChanceyNN - College Admissions Predictor

Used Tensorflow's DNN Classifier on a dataset gathered on college admissions outcomes. Using GPA and SAT as primary features and rolling through a 10-20-10 network architecture, I achieved nearly 80% accuracy.

Fully open source: goo.gl/R1ytXW Medium link: goo.gl/wCxokR

Manga for Everyone, WIP

M4E is a powerful AI-integrated tool. With state of the art neural style transfer, it can generate manga-styled scenes with photographic input. In addition, highlighted Japanese text can be translated into English text using our proprietary translation service, based off Transformer with some variations. Currently, I am designing a generative network to create special effects on the manga pages. (Not Open Source)

Aiko - AI Secretary, WIP

From my startup experience, I learned keeping track of all opportunities, data, and deadlines is imperative yet often forgotten and difficult to keep up with. To fix this problem internally, we built an in-house AI secretary that receives email & messages from a webhook and messages the recipient a short summary (recognizing imperatives and main points within any long text). Uses: NLTK, NLP, Naive Bayes. FB page: fb.com/thanks.aiko

PROJECTS WITH A CONSUMER

Gleme - Date with Humor

Currently the CTO and a Founder of Gleme, a dating app that matches users with humor. Traditional dating apps focus too strongly on the physical attraction aspect, while Gleme relies on the scientific reality that the best relationships include similar tastes in humor. Our surveys validate >80% UA, capturing >80% of the existing market as well as >80% of an audience that enjoys humor but not dating--nearly half our users are new to dating apps!

Currently seeking a pre-seed and working through beta tests at participating universities. Web: goo.gl/L4WWu7

Re.Search (formerly PairMe) - Pair students & professors

Developed PairMe for a second year MIT Launch team that went on to win Finalist status. PairMe has since become an application developed by Gleme's parent company, BASED Systems, and has been rebranded as Re.Search.

Re.Search is currently in beta testing, available on the app store, and focuses on pairing students with professors on research projects/interests. The original React Native codebase for PairMe is open source: goo.gl/8hwQrM

CyOS - Open Source Airgapped Operating System

Envisioned as the most extreme take on airgapped security, CyOS is an open source operating system developed using COSMOS C#. The COSMOS user rings have been altered to make access privilege attacks impossible, while all wireless and P2P connections are blocked. Hardware devices are limited to keyboards and mice, while the filesystem exists entirely in random access memory (RAM filesystem). Features commandline, source: goo.gl/tL7zA3

MISC PROJECTS

OverThere - Pebble App

OverThere was developed in 2013 as a Pebble smartwatch app. Coded in PebbleJS and the Pebble C SDK, it features a Yelp-like interface; users choose a category, and the application shows them nearby places within the category, with reviews, directions, and beacon-based IoT functionality. Source available here: goo.gl/YxcM24

Pebble Proof-of-Concepts

I enjoy developing proof of concept applications with wearable devices, including the Pebble smartwatch. One example is a smartwatch game controller app that posts data from the watch to a server with positional tracking for Wii-like control: goo.gl/2U5woy Another example is LipSync, which uses mic input to pick the next song from a linked Spotify account: goo.gl/6igXwF

Information Security

Influenced by my father's own career in information security, I have worked on some pentesting utilities and ethical hacking projects. Some of these include exploitation of Github's metrics, email and text spoofing, scrapers, and even a full exploit of Facebook via token. Some projects are listed (and possibly open-source) here: goo.gl/pyT7kQ