

# Keshav Sivakumar

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London, United Kingdom

## EDUCATION

### STANFORD UNIVERSITY

MS IN MANAGEMENT SCIENCE AND  
ENGINEERING :  
COMPUTATIONAL SOCIAL SCIENCE  
TRACK  
2024 - Current | Stanford, CA

### UNIVERSITY OF CAMBRIDGE

BA IN COMPUTER SCIENCE AND  
MANAGEMENT  
2019 - 2022 | Cambridge, UK

Computer Science: 1, rank 31/123  
Management: 2.1, rank 16/49

### COURSEWORK

C/C++, compilers, semantics  
functional/OO programming, logic  
complexity theory, computer design  
concurrent systems, HCI, machine  
learning, strategy, finance,  
organizational behavior, and  
marketing.

### NPS INTERNATIONAL

IB Diploma 45/45  
Grad. May 2017 | Singapore

## LINKS

Github:// [keshav123456](#)  
LinkedIn:// [keshav-sivakumar](#)

## SKILLS

### PROGRAMMING

Java • SQL • Python • Javascript  
OCaml • C •

### TECHNICAL

IoT • Cloud architecture • Spark •  
Electronics • ETL pipelines and data  
visualization • Backend • Tensorflow •

### NON-TECHNICAL

Fundraising • Lean startup strategy •  
Product management and development •  
Startups • Technology policy • Accounting  
Economics • Environmental policy •

## WORK

### PALANTIR | FORWARD DEPLOYED SOFTWARE ENGINEER

Aug 2022 - Aug 2024 | London

Working on data platforms across varied fields from healthcare to energy -  
with use cases such as managing clinical trial data to a centralised system of  
calculating and sharing carbon emission data.

## STARTUPS

### LUMITICS | Co-FOUNDER AND CTO

Feb 2017 - Oct 2019 | Singapore

Founded an IoT startup part time along with school and national service  
responsibilities, building a smart food waste tracker for hotels and airlines.  
Moved to an advisory role while pursuing studies. Details @ Lumitics.com

- Helped raise SGD 1.05 Million from VC's/angel investors and deploy over 40 units in the field. Company has a multimillion-dollar valuation, was on track to raise Series A pre-pandemic and has survived it so far.
- Built the MVP and led the product development team of up to 15 developers/interns over 2 years. Learnt a lot about product management, while liaising with clients and manufacturers to deploy, improve and scale our operations.
- Technical work involved setting up the full stack backend architecture on Google Cloud platform, deploying a machine learning project from scratch and working on electronics/embedded software for our hardware.

## INTERNSHIPS

### PALANTIR | FORWARD DEPLOYED SOFTWARE ENGINEER INTERN

July 2021 - Sept 2021 | London, UK

- Exposure to more client focused engineering roles, providing data based solutions for companies.

### UNIVERSITY OF CAMBRIDGE | RESEARCH INTERN

July 2020 - Sept 2020 | Cambridge, UK

- Researching low cost alternatives to GPS in forested areas where consumer grade GPS fails to acquire signal
- Exploring VSLAM technologies using cheaper intel cameras/phone cameras and also IMU sensor data

### NINJAVAN | SOFTWARE ENGINEERING INTERN

May 2020 - July 2020 | Singapore

- Worked on the cloud backend platforms - the Microservices underpinning the different apps supporting the logistics flow (delivering 1 million+ parcels daily).
- Also worked on Kafka monitoring tools.

### DENTSU AEGIS | DATA SCIENCE INTERN

June 2017 - July 2017 | Singapore

- Focused on using NLP to automatically extract the key subject matter and opinion from web scraped articles for market analysis.

# VOLUNTEERING, COMMUNITY POSITIONS AND NATIONAL SERVICE

## **ROBINSON COLLEGE MAY BALL | PRESIDENT**

Oct 2021 – June 2022 | Cambridge, UK

- Organizing the end-of-year college ball for over 1000 students

## **MEMBER OF ROBINSON COLLEGE STUDENT ASSOCIATION** Oct 2019 - Oct 2020 | Cambridge, UK

- Elected to the student association, one of the few international students on the association, helping to make the college community more enjoyable and inclusive.

## **THK MORAL HOME | VOLUNTEER**

May 2016 – May 2017 | Singapore

- Volunteering at the old age home in my neighbourhood

## **SINGAPORE ARMY | NATIONAL SERVICE**

Oct 2017 – August 2019 | Singapore

- Serving in the infantry and logistic units of the Army for 2 years as part of my compulsory service.