

# Gopalakrishnan Amruthraghav, Amruth

BSc Decision Analytics & Finance | Year 4 | THE UNIVERSITY OF HONG KONG - 2021

LinkedIn

<https://www.linkedin.com/in/gopalakrishnan-amruthraghav/>

Contact

☎ 5514-6121

E-mail

✉ [amruth@hku.hk](mailto:amruth@hku.hk)

Website

[amruthraghav.github.io](https://amruthraghav.github.io)

## Education

### **The University of Hong Kong (HKU)**

Sep 2017 - May 2021

#### **Bachelor of Science in Decision Analytics & Minor in Finance**

- GPA: 3.72/4.3 & CGPA: 3.59/4.3 (Dean's Honors List 2018)
- Recipient of the Lee Shau Kee Scholarship of \$186,000 renewable annually (covers tuition, dorm & living expense).
- Relevant Coursework: Statistical Machine Learning, Linear statistical Analysis, Probability & Statistics (I & II), Optimization; Database Management Systems, Data Structures & Algorithms, AI & Big Data, Computer Programming; Accounting, Microeconomics, Macroeconomics, Finance, Investment & Portfolio Analysis, Management & Marketing.

### **Sishya**

Class of 2017<sup>1</sup>

- 97.5% in ISC public examinations which aided in receiving the Lee Shau Kee Scholarship
- Ranked within the top 1% of the country & was awarded INSPIRE by the Government of India

<sup>1</sup>-Equivalent to HKDSE public examinations

## Selected Experience

### **Summer Software Engineering Intern, JP Morgan Chase and Co.**

Jun 20 – Aug 20

Worked alongside HR in helping the recruitment of interns for different programmes. I interned under the Technology Team for Asset & Wealth Management LOB where we build the leading and cutting edge tools for our portfolio managers to maintain their assets.

### **Actuarial Intern, Swiss Re Asia Pvt. Ltd**

Jan 20 – Jun 20

Responsible for generating reports on different basis (USGAAP, STAT & EVM) and its corresponding markets. Developed a cash flow check application for reconciliation and reconsolidating of cash flows from different data sources using Python. The application helped in automating the entire manual check process to a matter of few minutes. Programmed a cash-flow converter between two different internal systems (CRR to ADAM). Built an excel scrapper to pick up important stats from various treaties documents and showcase in a comprehensive dashboard view. Preparing quarterly summary presentation slides(LOB and SOE) for various market owners to present in cross-functional groups team meetings.

### **Summer IT Intern, Elkay Interior Systems**

Jun 19 – Aug 19

Back-end database management for ERP software. Prediction of future sales of the Elkay products by building a regression model on 60,000 historical transactions. Worked on building an NLP application to pick up important features of products to SKUs in the ERP software database.

## Selected Projects (Please refer to my website: [amruthraghav.github.io](https://amruthraghav.github.io) for more info)

**weAR, Smartone Hackathon 2019 Champions**

**Lifeline Solutions, Most Creative Idea and Video, Future Skills Innotech, HKFYG**

**JP Morgan Code for Good 2019, Semi-finalists**

**BioBlock, HSBC Financial Dialogue 2019 Semi-Finalists**

**Roshini – App for Eradication of Tuberculosis – Coursework of CCGL9060**

**Interhall Academic Forum 2018-2019, HKU**

## Selected Extra-Curricular Activities

**Teaching Assistant for SCNC1112, HKU**

Aug 18 - Present

Conducting weekly tutorials & providing academic help to facilitate students' learning outside lectures. Working closely with course coordinator and professors to prepare materials to facilitate their learning and achieve the learning outcomes accordingly.

**Student Ambassador & Academic Advisor, Science Faculty, HKU**

Sep 17 - Present

Shared University life experience with students, provide them advice on academic fronts & help them in their course selection.

**General Secretary, Mathematics Society, HKU**

Nov 17 - Nov 18

Oversee the functioning of the society with 300 members & communicating with various parties for its smooth operation.

## Skill Set

Languages: Python, Java, C++, R, JavaScript, Swift, SQL, Eclipse, HTML5, CSS3, English, Tamil, Hindi, German, Cantonese

Business Intelligence: Tableau, PowerBI, Salesforce.

Development Tools: Firebase, Flutter, React.js, Node.js, Ionic, Angular, Flask, Unity, Keras, TensorFlow, OpenCV, Mongo DB.

Cloud Technologies: Amazon EC2, S3, & Microsoft Azure.

Certification: Data Mining & Data Analytics using Python & R from the Government of India.

Other Software's: Complete Microsoft Office with Adobe Photoshop, Illustrator, After Effects, Premiere Pro & XD.