ROHIT SHYLA KUMAR

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WORK EXPERIENCE

Hong Kong Shanghai Banking Corporation (HSBC)   **Hong Kong**
Technology Graduate   (July 2019 - Present)
Project Lead and engineer for the infrastructure data dashboard for Enterprise Services
Automating workflows across the bank's global functions
API design using Anypoint and implementation using Mule, Ansible, Puppet

Visionaries 777   **Hong Kong**
Data Science Intern   (Sep 2018 - Feb 2019)
Data visualization and analysis for a project management platform
Automated car model recognition for BMW and Infiniti
Computer vision and augmented reality in Unity for Hella Gutmann

Composers and Authors Society of Hong Kong   **Hong Kong**
IT Intern   (June 2018 - Sep 2018)
Development of AI systems to identify copyright violations and lyric generation
Working with Oracle databases for big data analysis

School Of Law, City University of Hong Kong   **Hong Kong**
Web Developer   (Feb 2018 - Sep 2018)
Developed and launched two sites for the School of Law

Horus Intellisys   **Bangalore, India**
Design Engineer Intern   (May 2017 - Sep 2017)
Project Leader - Proof of Concept of a drive through application for McDonalds
Classifier and algorithm development for India's first Advanced Driver Assistance System
Embedded systems programming, computer vision and image processing, ANSI C programming.

EDUCATION

City University of Hong Kong – Bachelor of Science in Creative Media   (Aug 2016 - Jun 2019)
CGPA - 3.71 (Dean's List of Honor)

PROJECTS AND SOCIAL RESPONSIBILITY

AI for General FPS (Final Year Project) – *Research and Development* (May 2018 – May 2019)
Autonomous agents that can play multiple first-person shooter games like Doom and Counter Strike
Aid for Visually Impaired Bowlers - *Software Engineer* (Nov 2017 - May 2019)
Image processing application that assists blind bowlers. Funded by Jockey Club Youth Empathy Project
Data Science for India - *Regional Director and Curriculum Developer* (May 2017 - Dec 2018)
Program based at UC Berkeley seeking to promote the interdisciplinary field of data science in India through outreach

AWARDS AND HONORS

University Competitive Programming Team (2018)
HKSAR Government Scholarship (2018-19)
HKSAR Talent Development Scholarship (2017)
The Best of the Best Awards - Best Innovation (2017)
Smarter Life Aided by Robots - Built an NXT based medicine dispenser robot - 1st place (2017)
1st Place from **TEDY Makathon** - Aid for Visually Impaired Bowlers (2017)
World Federation of the United Nations Association's International Model United Nations – Won the Asia-Pacific category at the United Nations Headquarters (2017)

SKILLS

- **Algorithm design and development,** solution architecture, infrastructure management, API design, testing and maintenance, **statistical modelling, quantitative and financial analysis,** data science and machine learning.
- Strong in **C, C++, JAVA**, **Python**, JavaScript, C# on UNIX and Windows
- Experience with LAMP stack, CUDA C, Keras, Tensorflow, PyTorch, cloud infrastructure**,** Unity and Android Studio
- Understands the latest disruptive technologies, different revenue models and digital business strategies
- Research to **identify investment opportunities** with outstanding returns and minimum risk
- Excellent spoken and written communication skills, native English speaker
- Moving across domains to fulfill large scale project requirements at the microscopic and macroscopic level

INTERESTS

Investing, theatre, cryptocurrencies, international relations, football, parliamentary debate, cricket, gaming, writing