

ROHIT SHYLA KUMAR

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EDUCATION

City University of Hong Kong – Bachelor of Science in Computer Science and Creative Media

CGPA - 3.87 (Dean's List of Honor)

(2016-2019)

WORK EXPERIENCE

Visionaries 777

Data Science Intern

- Data visualization and analysis for a project management platform
- Augmented reality application for automated car model recognition

Hong Kong

(Sep 2018 - Present)

Composers and Authors Society of Hong Kong

IT Intern

- Development of AI systems to identify copyright violations and lyric generation
- Working with Oracle databases for big data analysis

Hong Kong

(June 2018-Sep 2018)

School Of Law, City University of Hong Kong

Web Developer

- Developed and launched two sites for the School of Law

Hong Kong

(Feb 2018-Sep 2018)

Horus Intellisys

Design Engineer Intern

- 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, computer vision and image processing, ANSI C programming.

Bangalore, India

(May 2017-Sep 2017)

Karnataka State Backward Classes Department

Software Development Intern

- Developed an online form for backward class minorities to apply for scholarships
- Initiative by the Education Ministry of India

Bangalore, India

(Jan 2014-Jan 2016)

PROJECTS AND SOCIAL RESPONSIBILITY

AI For General FPS (Final Year Project) – *Research and Development* (Jun 2018-Present)

Artificial intelligence based bot that can play multiple first person shooter games like Doom and Wolfenstein 3D.

Aid for Visually Impaired Bowlers - *Software Engineer* (Nov 2017-Present)

Image processing application to assist blind bowlers. Funded by Jockey Club Youth Empathy Project. Showcased at World Maker Faire 2018, in New York

Data Science for India - *Regional Director and Curriculum Developer* (May 2017-Present)

Program based at UC Berkley seeking to promote the interdisciplinary field of data science in India through outreach.

Companions of Social Inclusion - *Programmer* (February 2017-Present)

Social project in Hong Kong, developing a VR simulation to aid ethnic minorities in Hong Kong battle racial discrimination.

AWARDS AND HONORS

University ACM-ICPC team (2018)

HKSAR Government Scholarship - 80000 HKD/year (2018)

The Best of the Best Awards - Best Innovation (2017)

HKSAR Talent Development Scholarship - 10000 HKD (2017)

Smarter Life Aided by Robots (Hong Kong) - Built an NXT based medicine dispenser robot - 1st place. (2017)

1st Place from TEDY Makathon (2017)

World Federation of the United Nations Association's International Model United Nations (United States of America) -

Part of the team that won in Asia-Pacific category at the United Nations Headquarters (2017)

21st Student Leader Convention (Singapore) - Overall winners - Part of the first Indian School to win (2015)

Harvard Model United Nations Conference (India) - Honorary Mention (2015), Best Large Delegation (2014)

SKILLS

Technical Skills – Algorithm design and development, C, C++, C#, Java, Python, CUDA C, JavaScript, HTML, CSS, PLSQL, AngularJS, Bootstrap, OpenCV, OpenGL, Processing, SDL 2.0, Unity, Android Studio, Vim, Firebase GNU/Linux, Windows.

Excellent communication skills with a firm grasp on the English language.

Strongly interdisciplinary background, moving across domains to build projects from the ground up.

INTERESTS

Drama and live theatre, international relations, parliamentary debate, football, gaming, writing