ROHIT SHYLA KUMAR

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WORK EXPERIENCE

Visionaries 777   Hong Kong
Data Science Intern   (Sep 2018 - Present)
· Data visualization and analysis for a project management platform
· Automated car model recognition for BMW

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.

Karnataka State Backward Classes Department   Bangalore, India
Software Development Intern   (Jan 2014-Jan 2016)
· Developed an online form for backward class minorities to apply for scholarships
· Initiative by the Education Ministry of India

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)

PROJECTS AND SOCIAL RESPONSIBILITY

AI for General FPS (Final Year Project) – *Research and Development* (May 2018-Present)
Autonomous agents 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 that assists blind bowlers. Funded by Jockey Club Youth Empathy Project
Data Science for India - *Regional Director and Curriculum Developer* (May 2017-Present)
Program based at UC Berkeley 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 VR simulations to aid ethnic minorities in Hong Kong battle racial discrimination.

AWARDS AND HONORS

University Competitive Programming 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** - Aid for Visually Impaired Bowlers (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 in C, C++, Java, Python, CUDA C, JavaScript, HTML, CSS, PLSQL,
Tensorflow, PyTorch, Hadoop, OpenCV, OpenGL, Processing, SDL 2.0**,** Unity, Android Studio, Vim, database management,,
GNU/Linux, Windows.
Excellent communication skills with a firm grasp on the English language.
Moving across domains to fulfill large scale project requirements at the microscopic and macroscopic level.

INTERESTS

Investing, theatre, international relations, parliamentary debate, football, gaming, writing.