Hulaif Muhammad Ilyas | Résumé

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Education

American University Programmes
INTI International University,   *2013–2014*
Preparation for US Higher Education

Bachelor of Arts and Science (BA) in Computer Science
University of Colorado, Boulder (CU-Boulder),   *2014–2018*

Relevant Coursework

Machine Learning, Computer System, Introduction to Robotics, Operating Systems, Principles of Programming Languages, System Administration, Advanced Robotics, Linear Algebra with Computer Science Applications, Data Structure, Discrete Structure, Numerical Computations, Software Development and Tools, Computation in Astronomy, Object-Oriented and Design, Introduction to Algorithms, Introduction to Artificial Intelligence.

Experience/Projects

Autonomous Vehicle Project   **Robotics Dpt, CU-Boulder**
Compete in inter-department autonomous vehicle   *2018*
Responsible for PID tuning and assist in software development

Eat-Net Project   **Com Sci Dpt, CU-Boulder**
Develop a website providing take-out system for restaurateurs   *2017*
Responsible for front-end development as well as bootstrapping

Balloon-SAT Experiment   **Aerospace Dpt, CU-Boulder**
Construct Balloon-SAT; obtain O_2 and CO_2 level from atmosphere   *2014*
Responsible for software development and assist in sensor calibration

Mars Crater Simulation   **Astronomy Dpt, CU-Boulder**
Simulation effect of impactor against Mars surface   *2016*
Developed and tested simulation while manipulating various impactors' data

Computer skills

Proficient: Python, MATLAB, C/C++, LaTeX, Microsoft Office
Familiar: Wolfram Mathematica, ROS, MySQL, HTTP, Scala, JAVA

Leadership Experience

Director of Program and Media MUCB   **CU-Boulder**
An association established by CU-Boulder Malaysian Students   *2015-2017*
Organized and hosted numerous events in CU-Boulder

Director of Program and Media WCC Leadership Summit   **Education Malaysia**
A leadership summit sponsored by Education Malaysia Los Angeles   *2017*
Organized and hosted a west-coast leadership summit with a budget of $10,000