

Anas Abdelhakmi

Education

- **National University of Singapore** **Singapore**
 - Institute of Operations Research and Analytics* *August 2021 – Present*
 - PhD candidate in Operations Research and Analytics
 - Interests : Decision-making Under Uncertainty, Supply Chain Management
- **Mohammed VI Polytechnic University** **Benguerir, Morocco**
 - EMINES School of Industrial Management* *September 2016 – September 2021*
 - Master of Science (Diplôme d'Ingénieur) in Industrial Management
 - Minor in Supply Chain Management

Research Experience & Internships

- **OCP Group** **Casablanca, Morocco**
 - End-of-study consulting project* *April 2021 – July 2021*
 - Developed an exhaustive supply chain decision support framework
- Research Project* *February 2021*
 - Developed a decision-making tool to optimize the draglines positioning sequence and the production plan in the phosphate mine of Benguerir
- **AgriEdge** **Benguerir, Morocco**
 - Research Internship* *June 2020 – September 2020*
 - Developed a robust decision-making framework, combining deep segmentation using a regional convolutional neural network (R-CNN) and frame to frame tracking
- **EMINES - Mohammed VI Polytechnic University** **Benguerir, Morocco**
 - Research Project* *March 2020 – June 2020*
 - Worked on the modeling and forecasting of the COVID-19 pandemic in Morocco through a system dynamics SEIR epidemiological model approach

Leadership and Teamwork

- **EMINES Technology Club** **Benguerir, Morocco**
 - President* *June 2019 – September 2020*
 - Taught Robotics and Computer Science on a weekly basis
 - Managed many Robotics projects such as : Mars rover, Drones, Autonomous robots, 3D Printers..
- **Interactive Tour-Guide Robot** **Benguerir, Morocco**
 - Team Manager and Coordinator* *September 2019 – January 2020*
 - Managed a team of 9 members fabricating and developing the University's Tour-Guide Robot
 - Developed face recognition, natural language processing, and tracking algorithms

Skills

- **Computer Skills:**
 - **Languages:** Matlab, Python (Deep Learning Libraries : TensorFlow, Keras and PyTorch), R, Julia, Java, JEE, JavaScript, VBA, C, PHP, HTML & CSS
 - **Packages:** SolidWorks, Vensim, @Risk, Simul8, Arduino, Processing, MS Office, L^AT_EX, Adobe Illustrator, Adobe XD
- **Languages:**
 - **English** (Full professional proficiency), **French** (Bilingual), **Arabic** (Native)