GASIM AHMED

+44 (0) 7873 910049
gasim97@gmail.com
www.linkedin.com/in/gasim-gasim
www.gasim.info

Education

Imperial College London – London, UK   *2016-2020*
MEng Electrical and Electronic Engineering with Management – Expected 1st
- Designed and built a prototype of a planetary rover that can be remotely controlled from a handheld device as well as relay sensor data and 'exorock' detections to the user
- Devised an innovative solution to drastically cutdown emergency medical services response times, and developed a prototype with a team of peers

The British International School of Jeddah (BISJ) – Jeddah, KSA   *2003-2016*
International Baccalaureate (IB) Diploma
International General Certificate of Secondary Education (IGCSE)
- Designed and developed a user-friendly program that organizes sporting events for the Student Council
- Balanced Student Council Executive Team Vice President duties with 4 demanding higher level IB subjects (Mathematics, Physics, Computer Science and Economics)

Awards
1st Prize | Second Year Group Project – *Imperial College London*	*Jun 2018*
Outstanding International Student (OIS) Award – *The University of British Columbia (UBC)*	*Feb 2016*
International Baccalaureate (IB) Academic Scholarship – *BISJ*	*Oct 2014*
Top in Saudi Arabia for International Mathematics – *Cambridge International Examinations*	*Feb 2014*

Experience

Goldman Sachs – London, UK   *Aug 2019 –*
Securities Strats Seasonal Analyst

Imperial College London – London, UK   *Aug-Sep 2018*
Undergraduate Researcher, Intelligent Digital Systems Lab (iDSL)
- Investigated the effects of quantization on the correlation of top results in Convolutional Neural Networks
- Developed a framework for and automated the correlation of top results investigation

McKinsey & Company – London, UK   *Apr 2018*
Discover Digital Programme
- Examined a case study involving the development of a strategy to defend against digital attackers
- Reviewed and redesigned a substandard customer registration process
- Presented the case study findings
- Professional skills sessions on problem solving and design thinking

Morgan Stanley – London, UK   *Apr 2018*
Spring Intern
- Work shadowed in the Institutional Securities Technology (IST), Enterprise Technology and Risk (ETR), and Corporate and Funding Technology (CFT) departments
- Insight sessions on the market and firm, as well as the IST, ETR and CFT departments
- Developed and presented a plan of action for a Directed Share Program in a group of 4
- Professional skills sessions on problem solving and logical thinking, pen and paper programming, as well as presentation and networking skills

Imperial College Electrical Engineering Society – London, UK   *Jun 2017-2019*
Vice President (Industry)
- Selecting target industry sponsors and determining the prices to be charged for 4 different sponsorship tiers (base, bronze, silver and gold sponsors), as well as recommending the services to be provided for each tier
- Liaising with industry sponsors on behalf of the society
- Organizing the annual careers fair, biweekly industry talks as well as bespoke events, such as hackathons, and activities to connect the society's members with industry

Islamic Development Bank – ITFC – Jeddah, KSA   *Aug-Sep 2017*
Risk Management Intern
- Examined Murabaha trade financing opportunities and offered my recommendations on whether they should be pursued
- Reviewed and familiarized myself with extensive risk assessment guidelines for both countries and financial institutions as well as an operational risk framework and policy
- Assessed the ITFC's balance sheet, using financial ratios, and provided a short reflection
- Researched and delivered a presentation on the potential of bitcoin as an investment opportunity

References available on request.

Languages

English	First/Native Language
Arabic	First/Native Language

Programming Languages

Java	Intermediate
C++	Intermediate
F#	Intermediate
ARM Assembly	Intermediate
Python	Intermediate

Hardware Description Language

Verilog HDL	Intermediate

Hardware

FPGA	Intermediate
ESP8266	Intermediate
Arduino	Intermediate

Recent Competition

UK Investment Banking Series	*Nov 2017*

Sales & Trading Challenge – Finalist
Achieved 2nd place out of 42 finalists in investment banking

Organizations

The Institution of Engineering and Technology
Student Member   *Nov 2016 –*

Institute of Electrical and Electronic Engineers
Student Member   *Jul 2016 –*

Volunteering

Therapeutic Horse Riding Aid   *2015*
Volunteered for Open Skies, a scheme that provides therapeutic horse riding for physically disabled children in Jeddah, Saudi Arabia. Awarded best volunteer.

Event Manager   *2011 - 2012*
Independently organized One Day One Goal events in September of 2011 and 2012, in representation of the city of Jeddah. One Day One Goal is an annual global football (soccer) event initiated by the Peace One Day organization. The events in Jeddah were sponsored by Sports Look as well as United Parcel Service (UPS), and hosted by The British International School of Jeddah. The main purposes of the events were to increase the awareness of peace in the local community and raise funds for the Peace One Day organization.

Activities and Interests

Imperial College Association Football Club
Imperial College Model United Nations Society
Imperial Entrepreneurs
Guitar
Programming