SEAN **BAZANYE-LUTU**
MENG DESIGN ENGINEER
with an interest in Product Management and Software Development

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I like to think of myself as an ideas guy, who can bring these ideas to life. My degree has not only given me the skills to meet high-pressure deadlines, but the ability to do so either solo or in a team and I thrive at work I'm able to get stuck into. I am looking to challenge myself and would love to be at the heart of innovation and design

EDUCATION

Master of Engineering　　Design Engineering
Imperial College London　　　　2017-2021

- Presidents Scholarship Recipient
- Key modules include: Computing 1 & 2, Big Data, Machine Learning, Robotics, Sensing & IoT, and Human-centered Design

Advanced Levels
Enfield Grammar School　　　　　2010-2017

- A-Levels: Further Maths, Maths, Physics, and Computer science AS
- Elected Senior prefect and Joint Head-Boy

KEY STRENGTHS

- Public Speaking
- Communication skills
- Creative problem solving
- Initiative
- Python
- 3D CAD

TECH INTERESTS

Hover Technology
Will the age of flying cars and skate board's ever truly be realised?

AR and VR
How will our society continue to merge with the digital world and where will the line be drawn?

Machine Learning and AI
To what extent will machines be given autonomy to implement decisions and change? and how will that affect society?

WORK EXPERIENCE

Co-Chair
Imperial Black Advisory Panel　　Jan 2021-Present
The panel aims to:

- Increase the College's accessibility to Black prospective home students
- Support the College in achieving targets set out in its Acess & Participation Plan

Product Development Intern
Caura, London, UK　　　　　Jul - Sept 2020

- Researched new potential components to add to the app, evaluating ease of implementation and designing the implementation process
- Conducted audits to ensure data was up to date and highlight any anomalies

Software Development Intern
Imperial College London　　　Apr - Jun 2020

- Designed and developed an educational tool for 1st and 2nd-year students learning how to use CAD software

President
Afro-Caribbean Society　　　　　2019-2020

- Devised and lead society rollout plan for the year
- Introduced a new outreach program to empower under-represented year 12 and 13 students and aid with university applications

Technology Tutor
Firetech　　　　　　　　　　2018-Present

- Technology tutor teaching students aged 8-17 in topics such as Python, Robotics and Video game design
- Assisted in pitching to prospective companies and groups
- Selected to travel to Oman and deliver their national youth program for skills development

Kid's Work Lead
Jubilee Church London, UK　　　2018-Present

- Organise and plan weekly kid's ministry, Liaise with volunteers and coordinate remote filming schedule

PROJECTS

- **DSP System:** Theoretical implantable biosensor to help with the management of Graves' Disease
- **MoodSense:** IoT system able to predict the average mood an individual will encounter during commutes
- **Sparrow Cordless Powerdrill:** Redesigned power drill to allow children aged 8-12 to use it effectively
- **Tetrilling Reassembly:** Designed an algorithm to solve a Tetris optimization problem