Zain Shahid

CONTACTS

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SKILL PROFILE

- C, Python (NumPy, Pandas)
- SQL (Data Querying)
  Microsoft Office
- MATLAB
- CAD
- Technical Problem Solving

ACHIEVEMENTS

- Hyperion Data Analyst Bootcamp
- A-Level Arkwright Engineering Scholarship
- Self-taught and fluent in Spanish
- Grade Six in Speech and Drama

INTERESTS

DIY, crafting and rock-climbing enthusiast. I am passionate about spending time in nature and preserving the natural environment while knitting woolly jumpers.

REFERENCES

Available upon request

PROFILE

"PhD candidate with a proven track record of liaising between commercial and academic stakeholders to provide engineering solutions".

With extensive experience of fulfilling the requirements of commercial and academic stakeholders across medical device, software, and electronic industries; I am experienced in the use of C, Python, and analytical tools, and am able to implement complex data projects to deliver high-quality data-driven analytics. Well versed in retrieving, analysing, and visualizing data points to communicate findings to executives to achieve business goals.

EDUCATION

PhD Prosthetics and Orthotics (CDT)   **September 2019 - Present**
University of Salford

- Research title: Development of an Industrial Test Platform for Foot Health Device and Footwear Testing
- Data analysis to evaluate product performance and inform design decisions
- Explanation of complex solutions to non-technical commercial and academic stakeholders in a succinct manner via written reports, presentations, and conference calls.
- Experience dealing with senior stakeholders during high-pressure communications following the acquisition of the commercial partner.
- Evaluation of technical design drawings, processes, and costs to determine project feasibility.
- Successful completion of design projects to advance products.
- Liaising with service-users to inform the decision-making process.

BEng (Hons) Mechatronic Engineering, 2:1   **September 2015 – June 2019**
University of Manchester

- Design Projects included: low cost, gravity assisted upper limb rehabilitation tool for cerebral palsy; autonomous, line following buggy.
- Industrial experience year as an applications engineer.
- Involvement in charity/volunteering projects including International Citizen Service (ICS) and Raise and Give to raise over £20,000 for local and international charities.

WORK EXPERIENCE

Data Analyst   **March 2023 – Present**
Eleven-I

- Building data analysis dashboard with visualizations of live and past wind turbine performance metrics
- Development of error/event detection through machine learning protocols

Applications Engineer Industrial Placement   **June 2017 – September 2018**
Yelo Test Systems Ltd

- Retrieved, analyzed and visualized data to produce reports for management to determine product performance.
- Liaised between software, electronic and mechanical engineering teams to collectively deliver technical solutions and manufacture autonomous manufacturing tool.

Software Engineer Internship   **June 2019 – September 2019**
Codethink Ltd

- Supported automotive client facing projects by contributing to Git repository
- Delivered open-source python based projects to engage with the wider GNOME community