JORDAN WILLIAMS

Audio Research Engineer
MEng Acoustical Engineering
Python Developer

DRIVE & MOTIVATION

I have a passion for hearing/digital health, and professional audio.

My main aim is to try and use my formal knowledge of acoustics,
audio and engineering in ways that provide benefit to peoples lives.

CORE STRENGTHS

- *Software development*
  - *-- Key Skills: Python, MATLAB, C++, bash, lua, yaml, GitHub, JIRA, Asana, AutoCAD, Odeon, SoundDesign, COMSOL.*
  - *-- Lead roles: Python development, R&D data science & machine learning*
  - *-- Working understanding: realtime DSP, chipset porting, database configuration*
- *Acoustical Engineering & Experimentation*
- *Digital Signal Processing*
- *Research based product development*
- *Experienced in Scrum (Agile & Kanban)*
- *Presentation & Communication*

CONTACT DETAILS:

Mobile: +61403765534
Email: jordy_williams@hotmail.co.uk
LinkedIn: @jordyjwilliams
Weidenweg 57, Berlin, 10247, DE
https://jordyjwilliams.github.io/

EMPLOYMENT HISTORY

Mimi Hearing Technologies, Berlin, DE

AUDIO RESEARCH ENGINEER - OCT 2018 - FEB 2021: 2 YEARS 5 MONTHS

Worked on medically certified products: hearing testing engines, analysis and result computation packages/backend services. Worked in both Agile and Kanban teams. Setup and improved QA and code quality processes. Key focus was working between research and product teams to achieve the best scientifically informed personalized audio.

University of Southampton, UK

STUDENT AMBASSADOR - OCT 2015 - JUN 2018: 2 YEARS 9 MONTHS

Assisted in variety of scenarios and many, eclectic groups of people. Showcasing my passion for acoustics to inspire others.

ACADEMIC HISTORY

University of Southampton, UK

MASTERS OF ACOUSTICAL ENGINEERING (MENG) - FIRST CLASS HONOURS
2014 - 2018: 4 YEARS

- *Graduated Valedictorian/best in final year*
- *Dissertation (individual project) in bachelor year won the "Institution Best Project Certificate" from the IMechE. For more information see here.*

AS/A2 Levels

THE DOWNS SCHOOL, COMPTON, UK

- *A2 Levels: Grade B in Maths, Physics and Biology*
- *AS Levels: Grade B in Drama and Theater Studies*
- *GCSE and further education available on request*

VOULINTEER EXPERIENCE

ReDI School of Design Interaction, Berlin, DE

VOLUNTEER TEACHER/COORDINATOR

- *Taught and helped coordinate the Intro to Python Course*
- *ReDI is a not-for-profit school in Berlin which teaches a diverse range of non-traditionally educated students (a vast majority of whom come from forced migration circumstances).*

Action on Hearing Loss/RIND, UK

VOLUNTEER

- *Volunteered at community support and out reach events - helping aid understand of the challenges deaf individuals experience.*
- *Charity is known as both: Action on Hearing Loss and Royal National Institute for Deaf People (RIND)*
- *Was the "Charity Officer" for Southampton University Sign Language Society (SignSoc), able to learn basic BSL.*

INTERNSHIPS AND WORK EXPERIENCE

Multiple institutions, various roles

- *Completed internships at a vast number of companies.*
- *Ranging from production studios to acoustic consultancy*
- *Example companies: Fotech Soltions, Sky, Shure, AECOM, Cole Jarman,*
- *For more info see here.*

HOBBIES & INTERESTS

- *Wakeboarding - was the President for SuWake (University wakeboarding club)*
- *SCUBA Diving - PADI Certified Rescue & Advanced Open Water Diver*
- *Analogue Photography - Developing film rolls and creating prints*

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REFERENCES

MIMI HEARING TECHNOLOGIES (BERLIN, DE)

- Nick Clark - Co-founder, R&D Lead - nick@mimi.io
- Sarah Voice - COO - sarah@mimi.io
- Marlen Krügener - HR Lead - marlen@mimi.io

AECOM (VARIOUS LOCATIONS)

- Darran Humpherson – Director of Acoustics, (Christchurch, NZ)
*   Darran.Humpherson@aecom.com*
- Corinne Ballarini – Director of Acoustics, (St. Albans, UK)
*   Corinne.Ballarini@aecom.com*

FOTECH SOLUTIONS (HAMPSHIRE, UK)

- Chris Shannon – CEO, Fotech Solutions
*   chris.shannon@fotechsolutions.com*
- Adrain Steel – Head of Engineering, Fotech Solutions
*   adrian.steel@fotechsolutions.com*

Further references available on request.