

Matthew Murnaghan

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[Me @ LinkedIn](#) | [My Web CV](#)

Objective

Diligent engineering graduate with a lot of drive. Experience working on large projects bringing ideas from the whiteboard to reality. Finishing my final diploma project specialising in predictive data analytics with the Code Institute. Seeking a role as a Software Developer/Data Analyst.

Education

DIPLOMA IN FULL STACK SOFTWARE DEVELOPMENT | IN PROGRESS | CODE INSTITUTE

- Degree subject: Full Stack Software Development and Predictive Analytics
- List of modules: Agile Development, Machine Learning, Python, JavaScript, CSS, HTML, Cloud Deployment
- Related coursework: Crypto Info Site & Data Viewer, Netflix Analysis Tool, Reddit Clone, Malaria Detector

BSC ELECTRONIC ENGINEERING | 2018 - 2021 | UNIVERSITY COLLEGE DUBLIN

- Degree subject: Electronic and Computer Engineering
- List of modules: Project Management, Computer Engineering, Linux/Unix Operating Systems
- Related coursework: Formula Student 2018-2021

Skills & Abilities

SOFT SKILLS

- Customer account management, phone and email relationship management.
- Face to face sales experience in the telecom retail sector.
- B2B sales managing SoHo accounts across a large product portfolio.

TECHNICAL PROFICIENCIES

- **Cloud Hosting** - Delivering software projects online through platforms like Heroku and hosting static assets on platforms such as Cloudinary.
- **HTML & CSS** - Core knowledge of web structure and styling adhering to industry standard development practices.
- **JavaScript** - Experience using jQuery and Vanilla JavaScript to deliver dynamic, interactive websites with frontend data processing. Modular code design and skills in Node JS.
- **Python** - Experience using database management and Full Stack Frameworks (FST) such as Django to deliver clean server-side code handling SQL databases and spreadsheets.
- **Algorithmic Problem Solving** - Big O Notation and experience coding in C and C++ in Unix environments.
- **Project Management** - Agile management practices and scrum methodologies specializing in software projects.
- **Version Control** - Experience using Git, tracking development through regular commits and notes.
- **Code management** - Experience using GitHub, storing projects in online repositories.

Experience

B2B SALES EXECUTIVE | THREE IRELAND | AUGUST 22 – PRESENT

- Managing customer accounts renewing and upselling telecom products such as handsets, broadband, device management and security solutions.
- Keeping up to date relationships via email, phone and face to face visits.
- Meeting competitive sales targets on monthly and daily basis, assessing failure and completing ongoing training to facilitate growth and improvement.
- Hybrid working between home and the office environments and self-administration.

PROJECT ENGINEER | SONICS AVI | JULY 21 – MARCH 22

- Project management and coordinating with fitting and testing engineers to facilitate the installation of high-end Audio-visual equipment for large clients all over Ireland.
- Weekly meetings and progress reports.
- Quoting for and assessing the value of different jobs.
- Working on site to assist the engineers when required.
- Interfacing with local networks to connect and configure devices to route audio and video signals to the required location or device on the network.
- Dealing directly with clients and ensuring that their requests are met within the specified SLA.

FULL STACK DEVELOPER INTERN | BILLFASTER | MARCH 2020 – JULY 2021

- Code module development and web design working mainly with objective JavaScript.
- Implementing date tracking software, customer management systems and database management with MongoDB.
- Weekly meetings and progress reports, remote working and project projection.

UCD FORMULA STUDENT | UNIVERSITY COLLEGE DUBLIN | 2018 – 2020

- Budget and project management for the construction of a formula electric car, year on year.
- Building on previous years designs and improving construction and assembly processes.
- Battery enclosure design considering cooling, assembly, charging constraints and impact protection.
- Fund raising over 50,000 euro for construction, shipping and building sponsorship packs.
- Rapid prototyping using Solidworks design suite, ANSYS physics engine, costing and design reports.
- Manufacturing Li-ion battery housing and high voltage enclosures – TIG/MIG welding, 3D printing.

SENIOR EVENT COORDINATOR | DAMMAN LTD | APRIL 2019 – PRESENT

- Working alongside other team leaders at large public events, such as match days or concerts at large football stadiums and other venues to ensure a pleasant and safe experience for all patrons.
- Set up and breakdown of staging equipment.
- Directing and controlling large crowds in public areas.
- Co-ordinating and leading junior teams in high pressure environments.

All references available upon request.