

John Morgan

27 Peyton Close, Rathcoole, Co. Dublin

+353 86 060 4249

jwjmorgan@gmail.com

github.com/johnny-morgan

linkedin.com/in/john--morgan

Profile

- Graduate Diploma in Computing with distinction with strong foundation in Java and Python
- Experienced in object-oriented programming, developing, testing and debugging code and designing graphical user interfaces
- Enrolled in Angular – The Complete Guide (2020 Edition) with Udemy online education
- Data Analytics Research Project 1: Analysis of the words used in speeches by the various Taoisigh serving during the years 1997-2018 including machine learning to predict which political party the speech giver was associated with
- Software Development Research Project 2: Used JavaFX to develop desktop application for self-employed sales executives, utilized an XML database to record customer details, business expenses and daily to-do items
- 2.2 Honours Engineering Degree from University College Dublin

Education & Qualifications

Code Institute Full Stack Web Developer Program

July 2020 – July 2021

Higher Diploma in Computing | Ulster University

Sept 2017 – June 2019

- NFQ Level 8 IE / Level 6 UK
- Specializing in Java and Data Analytics (Python)
- Delivered in partnership with Microsoft at 1 Microsoft Place, Dublin

Microsoft Technology Associate: Introduction to Python – Certified

July 2020

Oracle Certified Associate, Java SE 8 Programmer

July 2019

Oracle Java Foundations Certified Junior Associate

Dec 2018

Microsoft Technology Associate: Introduction to JavaScript – Certified

Oct 2018

Microsoft Technology Associate: HTML5 Fundamentals – Certified

Sept 2018

BE Hons Degree in Engineering | University College Dublin

Sept 1998 – May 2002

- Specialized in Structural Modelling and Structural Design
- Final Year Thesis: “Analysis of shear force in high-rise structures”

Software Skills

- Java | JavaFX | Vaadin | Maven | IntelliJ | Android Studio
- Python | Pandas | Data Visualization | PyQt5 | Jupyter Notebook
- Machine Learning | NLTK | BeautifulSoup
- Angular | TypeScript | HTML | CSS | JavaScript | Visual Studio | Django
- Git | Github | Azure

Experience

Data Entry Specialist, FoodCloud, Dublin 24

Sep 2019 – Present

- Ensured smooth running of warehouse by accurately inputting food donation details to database
- Verified that database information was accurate by reviewing, correcting, deleting or re-entering data

Business Development Manager, Self-Employed

May 2007 – May 2018

- Winner of distributor challenge trophy for outstanding business development in 2009
- Awarded all-expenses paid luxury holidays to Vienna 2008, Hong Kong 2010 and New York 2011
- Managed a team of 10 sales executives, generated team sales reports, conducted workshops on how to improve activity
- Developed comprehensive retail system resulting in over 100% year on year sales growth in its first year of implementation

Site Engineer, Newhall construction Ltd

May 2006 – May 2007

- Surveyed and set out precise building coordinates at various building sites in Co. Kildare
- Liaised with a team of architects and engineers to exchange, communicate and revise information about building works and plans
- Solved real time construction problems with subcontractors to ensure the building process remained on schedule for the client

Civil and Structural Engineer, Weber Consulting (New Zealand)

Jun 2004 – Apr 2006

- Modelled and designed wastewater and stormwater drainage systems for residential and commercial developments
- Conducted structural analysis and design of steel elements in residential building structures
- Inspected reinforced concrete steel prior to concrete pour and wrote site visit reports

Travel

Jun 2002 – May 2004

Volunteering and Interests

- Mentor at CoderDojo Dun Laoghaire
- Volunteer at Tidy Towns Rathcoole
- Hiking, trail running and mountain biking in the Dublin and Wicklow mountains