

## FULL STACK SOFTWARE DEVELOPER

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### PERSONAL PROFILE

I started my professional journey as a collateral analyst for various investment banks but ever since building my first JavaScript and Python applications I completely fell in love with programming. I am a passionate programmer always looking to improve and make the impossible of today the everyday of tomorrow! I am in the process of obtaining a diploma in Code Institute's 12-month programme in full stack development. I am always looking to improve and learn new technologies. I am also learning C# and the .Net framework.

### KEY SKILLS

- **Languages:** HTML, CSS, JavaScript, Python.
- **Databases:** MySQL, MongoDB, PostgreSQL.
- **Libraries:** jQuery, React
- **Version Control:** Heroku, GitHub, Git
- **Frameworks:** Flask, Django, Bootstrap

### EDUCATION AND TRAINING

- |                            |  |
|----------------------------|--|
| <b>Jan 2022 – Jan 2023</b> | Code Institute<br>Diploma in Full Stack Software Development (Advanced Front End )<br>Credit Rated by The University of the West of Scotland |
| <b>Oct 2013 – Jun 2015</b> | ISEG Lisbon School of Economics And Management<br>Master's Degree in Corporate Sciences<br>Lisbon, Portugal                                  |

### PORTFOLIO PROJECTS

1. **A Taste of Lisbon** – A blog page and reservation system for restaurant.  
GitHub - <https://github.com/DioCar84/A-Taste-of-Lisbon>  
Technologies Used - HTML5, CSS, Bootstrap, JavaScript, Python, Django, PostgreSQL, Heroku.
2. **Battleships** – Python terminal version of the classic naval strategy game.  
GitHub - <https://github.com/DioCar84/battleships>  
Technologies Used - Python.
3. **Euro Capitals Quiz** – A quiz game of 49 Euro countries and capitals.  
GitHub - [https://github.com/DioCar84/Euro\\_Capitals\\_Quiz](https://github.com/DioCar84/Euro_Capitals_Quiz)  
Technologies Used - HTML5, CSS, JavaScript.

## WORK EXPERIENCE

**Apr 2022 – Present**

**Mondrian Investment Partners, London, England  
Data Analyst**

- Data steward responsible for securities data.
- Drive application enhancements with the tech team.
- VBA macro development and SQL queries.

**Sep 2019 – Apr 2022**

**HSBC Bank, London, England  
Collateral Analyst**

- Trade booking using in-house web app.
- VBA macro enhancements to spreadsheets.
- Identify and implement improvements to operational processes.

**Dec 2017 – Sep 2019**

**Macquarie Bank Limited  
Operations Associate**

- Automate cash rec process using Alteryx.
- VBA macro enhancements to spreadsheets.
- Identify and implement improvements to operational processes.

## CERTIFICATES

- Udemy – The Modern React Bootcamp (39 hours)
- Udemy – The Web Developer Bootcamp 2022 (64 hours)
- Udemy – The Ultimate MySQL Bootcamp (21 hours)

## ADDITIONAL INFORMATION

- Currently learning C# - Code skills
- Languages: Fluent English/Fluent Portuguese/Intermediate Spanish

## INTERESTS

- Technology – I follow various programming blogs and tech related news sites.
- Football – I play weekly with my co-workers in a 5-a-side game!
- Gaming – Member of an online guild for an MMO.