Vandad Vafai Tabrizi

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Location: Madrid, Spain (Open to relocation)
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PROFESSIONAL SUMMARY

Incoming Data Science graduate with hands-on experience in mobile application development, full-stack web development, data visualization, and machine learning. Passionate about applying tech solutions across ag-tech, health-tech, and SaaS. Open to relocating for U.S. tech opportunities and **eligible for TN visa sponsorship as a Canadian citizen**.

EDUCATION

- **Master's in Business Analytics and Data Science**   *IE University*
  September 2024 – Present
  - Courses completed: Machine Learning, Computer Vision, Python for Data Analysis, Modern Data Architectures, Big Data in Marketing, SQL Based Architectures

- **BSc in Computer Science with Management and a year in Industry**   *King's College London*
  September 2020 – May 2024
  - Courses Completed:
    Programming practice and applications, Database Systems, Human-Computer Interaction, Software Measurement and Testing, Fundamentals of Management, Principles of Marketing, Consumer Behaviour, International Business.

WORK EXPERIENCE

- **Application Support Analyst Intern**   *Sony*
  July 2022 – July 2023
  Surrey, England

  - Processed invoices for SSS EU products including image sensors and isolation systems in SAP ECC.
  - Built and presented weekly analytical reports for Sony's EU division, improving visibility across the SSS EU product lines.
  - Proposed and led projects that are related to daily tasks in the Application Support team such as automation of customer material price registration and task management system.
  - Monitored Dataflow reports such as Flash Reports on Microsoft Power BI.
  - Handed over several tasks of B2B Application Support to a third-party team by providing trainings and user manuals.
  - Attended various technical and operational workshops within Sony Europe which Gained exposure to real-world applications of ML/AI through Sony Europe workshops

- **Product Committee Member**   *Huzzle*
                                                                    March 2022 – June 2022
                                                                    London, England

  - Performed UX testing with multiple users to scrutinize bugs and make improvements.
  - Attended weekly meetings to help brainstorm new features and ideas related to the application.
  - Conducted user research surveys from users to ask them about their experience with Huzzle.

- **Web Application Development Intern**   *Visionogy*
                                                                    May 2021 – August 2021
                                                                    Remote, UK

  - Developed a multi-language website in a team using JavaScript, jQuery and Express.
  - Performed responsive, user-friendly front-end web development across websites.

- **IT Development Intern**   *Avandad*
                                                                    August 2020 – August 2020
                                                                    Tehran, Iran

  - Booted new computers for the start-up and installed the necessary applications.
  - Monitored systems in operation and input commands to troubleshoot areas such as the company's database.
  - Created an analysis using charts and diagrams with Microsoft Excel based on the Sales team data.

TECHNICAL SKILLS

- Tools: SAP ECC, Power BI, Excel, Figma
- Programming Languages: Python, JavaScript, TypeScript, Java
- Frameworks / Libraries: React, Flask, Django, Matplotlib, Pandas, Bootstrap, JavaFX
- Others: SQL, Git, Firebase

PROJECTS

- **Opticrop -** Application Developer / Operations Lead   October 2024 – Present
  - A software as a service developed by a team of 5 that uses technology and computer vision to detect the ripeness of crops. Opticrop was the winner of IE University's Tech Venture Camp.
                                                    Link to Pitch deck: https://bit.ly/4jvZHJt

- **Backstreet Cycles -** Frontend Developer / Product Lead   February 2022 – April 2022
  - Nominated as the project manager and worked as a frontend developer to create a cycle hire planner Android mobile application in a team.
                                            Link: https://appetize.io/app/ntefd0g5h3cwn64vf4dh2xgdwr

- **Chess Club Management -** Software Developer   November 2021 – December 2021
  - Worked as a full-stack developer and project manager to develop a web application that serves as a Chess Club Management System in a team using Django, Python, and Bootstrap.
                                    Link: https://morning-depths-65138.herokuapp.com/myClubs/