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| Joel **Jonassi** |
| **+351 936159188 |** [**joeljonassi@outlook.com**](mailto:joeljonassi@outlook.com) |  [**linkedin.com/in/joel-jonassi**](http://linkedin.com/in/joel-jonassi) **|** [**joeljonassi.github.io**](http://joeljonassi.github.io/) **|**  **Eindhoven , Netherlands** |

**SUMMARY**

IT Systems Engineer skilled in problem-solving and solution development. Dedicated to continuous learning and passionate about leveraging technology to drive innovation and efficiency.

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| **PROFESSIONAL EXPERIENCE**  **Software engineer**  **Linovt – Engenharia Software, Lda.** | Porto**, Portugal |** 09/2023 – 10/2024   * Developed RESTful API and mobile application to streamline messaging within workshop management, enhancing operational efficiency and communication. * Created a workshop support platform to optimize workflows, increase productivity, and elevate customer service quality.   **Intern** **Software Developer**  Optimizer – Serviços e Consultadoria Informática, Lda.  Porto**, Portugal |** 02/2023 – 06/2023   * Collaborated with electronics and computer systems engineers to develop an animal-tracking system for farmers, providing real-time oversight and reducing livestock losses. * Designed a mobile application for farmers to monitor livestock and a web platform for administrators to manage users and devices.   **Research member**  **AFN Norte |** Porto**, Portugal |** 09/2022 – 06/2023   * Conducted research and development of a proof-of-concept (PoC) virtual reality system to address public speaking phobia. * Focused on leveraging immersive VR technology to create a controlled environment for anxiety management and skill improvement.   Marine ElectricianWest Sea **|** VianadoCastelo**, Portugal |** 08/2021 – 01/2022   * Installed and tested electrical systems in compliance with ship designs and safety standards.   **Intern Electronics, Automation and Control Technician**  **MCL Components Lda.**  | Zejtun, **Malta** | 01/2018 – 03/2018   * Created and tested prototypes, including a waterless egg-boiling system.   **Intern Electronics, Automation and Control Technician**  **NIBBLE - Engenharia, Lda.**  | Trofa, **Portugal** | 04/2017 – 06/2017  Main activities:   * Assembled and manufactured luminaires, push buttons, intrusion and fire detection systems.   **Intern Electronics, Automation and Control Technician**  **Sataedu School**  | Pori, **Finland** | 03/2016 – 04/2016   * Programmed PLCs using Ladder Language and mounted pneumatic circuits. | HONORS & AWARDS  * 1st Place – IdroneCup | IPCA, 2017. * RoboParty Participant | University of Minho, 2017.   **EDUCATION**  Viana do Castelo Polytechnic Institute (IPVC) M.S. in Cybersecurity | Viana do Castelo, **Portugal**  09/2024 – Stopped Level 7 in EQF  Cávado and Ave Polytechnic Institute (IPCA) B.S. in Computer Systems Engineering | Barcelos, **Portugal** | 09/2020 – 07/2023 Level 6 in EQF  CIOR Professional School Technician in Electronics, Automation, and Command | Vila Nova de Famalicão, **Portugal** | 09/2015 – 06/2018 Level 4 in EQF  Escola Profissional do Songo Electrician Technician | Cahora Bassa, Tete, **Mozambique** | 2012 – 2014 Level 3 in EQF PUBLICATIONS Virtual Reality for Public Speaking Phobia Mitigation, co-authored with Luís Ferreira and José Cerqueira. Presented at the International Conference on ENTERprise Information Systems (DOI: 10.1016/j.procs.2024.06.416).  **COURSEWORK**   * Data Structures & Algorithms: Designed job scheduling to optimize production timelines. * AI for Schedule Optimization: Built an intelligent agent for class scheduling, reducing travel and resource use. * Computer Vision: Created image recognition to categorize oranges, enhancing production accuracy. * Legal Support System: Developed case management and deadline tracking for lawyers to streamline legal workflows. |

**SKILLS**

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| * **Programing Languages/Frameworks:** C/C++, C#, Python, Javascript, Html/CSS, SQL, Kotlin, Dart, Flutter, .NET, Blazor, Angular JS, Unity. * **Database**: Relational and Non-Relational (PostgreSQL, MongoDB). * Business Intelligence & Data Analysis: Kettle, Power BI, AI Algorithms, Machine Learning * **Electronics Knowledge:** Microcontroller Programming, PCB Design, Simulation with Multisim, PLC (Ladder Language). * Operating Systems: Windows, Linux |