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Qinyuan Liu

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| Professional summary  Hardworking **Electronic and Computer Engineering** Student seeking an internship opportunity from **Sep 2023 - Sep 2024**. Knowledgeable in core technical skills. Meticulous, self-driven, and detail-oriented with excellent observational, organizational, and communication skills.        Work history  Intern, 03/2022 to 09/2023  ON semiconductor (Cork) **- Cork, Cork**  Photo Semiconductor sensor development testing and data analysis.   * Performed testing on single-photon avalanche Diode (Laidar SPAD) with LabVIEW and MATLAB. * Data analysis with MATLAB and visualization with MS Excel.   Intern, 09/2022 to 01/2023  University of Limerick Department of Electronic an **- Limerick, Limerick**   * Developed Leap Motion Application Projects using Python. * Collaborated on Python-based project development. * Contributed to innovative projects involving Leap Motion technology.   Hotel Porter, 08/2021 to 09/2021  Kimmy Lodge Hotel **- Limerick, Hotel**      Education  Bachelor of Engineering, Civil Engineering, **09/2018** **to** **05/2020**  Henan Polytechnic University - Jiaozuo, Henan, China   * Representation / Drawing 1 * Representation / Drawing 2 * High-level Language Programming (Python Language Programming)   Bachelor of Engineering, Electronic and Computer Engineering, **09/2020** **-** **Current**  University of Limerick - Limerick  BE Electronic and Computer Engineering   * Engineering Computing (MATLAB, Java) * Computer Software 2 (OOP Java) * Computer Software 3 (C) * Digital Systems 3 (C - Embedded System) * Communications And Networks Protocols * Treasurer role with Out in UL (LGBTQ+ society)   Projects and Profilos   * **Leap Motion-Driven Human-Computer Interaction and IoT Integration:** <https://github.com/Qinyuan72/Python27_Leap_test> * **MATLAB data processing ZAK0029\_Dark\_IV:** <https://github.com/Qinyuan72/ZAK0029_Dark_IV> * **CAD design collection profiles**<https://github.com/Qinyuan72/S-Q_dataBase/tree/master/Design%20and%20creative/CAD%20design%20collection%20profile> |  | Contact  **Address** : AP. 55, Thomond Village, University of Limerick, Limerick V94 K721 **Address** : AP. 55, V94 K721, Thomond Village, University of Limerick, Limerick  Open for remote work  **Phone** : 0892335980  Email: fengziyuan72@gmail.com        Skills   * **Programming Languages:** * C (Embedded) * Java OOP * Python OOP * MATLAB * **Web Development:** HTML, CSS, JavaScript. * **Networking:** Ethernet & IP Networking, Cisco Packet Tracer, Arduino & Python IoT Application. * **Engineering Drawing:** Autodesk CAD, SketchUp, SketchUp-based V-Ray Rendering. * **Communication**: Technical Writing. * **Teamwork:** Experienced with Microsoft Outlook and Teams Environment * **Problem-Solving:** Project Delivery, Data Analysis, Embedded Automation. * **Initiative:** Lifelong Skills Development, including 3D Modeling, Networking with Arduino, and Japanese Language.         LAnGUAGES  **English** **:**  Fluent  **Chinese (Mandarin)** **:**  Native  **Japanese** **:**  Elementary   * **Programming Languages:** C (Embedded Development), Java (Object-Oriented Programming), Python (Object-Oriented Programming), MATLAB. * **Web Development:** HTML, CSS, JavaScript. * **Networking:** Ethernet & IP Networking, Cisco Packet Tracer, Arduino & Python IoT Application. * **Engineering Drawing:** Autodesk CAD, SketchUp, SketchUp-based V-Ray Rendering. * **Communication**: Technical Writing. * **Teamwork:** Experienced with Microsoft Outlook and Teams Environment * **Problem-Solving:** Project Delivery, Data Analysis, Embedded Automation. * **Initiative:** Lifelong Skills Development, including 3D Modeling, Networking with Arduino, and Japanese Language. |