

QINYUAN LIU

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 (Lidar 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

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Open for remote work

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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