

CAREER SUMMARY

Object and task oriented with strong algorithm design, computer programming and system analysis skills; research experience in biomedical engineering, medical instrumentation and its system design; strong ability to multitask and solve a problem efficiently. Organized and diligent, with excellent written, oral and interpersonal communication skills.

Programming: C++, Python, Java, MATLAB, Assembly Language; VHDL; LabView, PLC programming

Electronic Design and Simulation: Multism, Altium Designer, Ultiboard

Networking and System Administration: DHCP, DNS, Active Directory; VMWare; Windows Server

Microsoft Office Suite & Adobe Suite

Languages: English, Mandarin Chinese

EMPLOYMENT HISTORY

Project Coordinator, Interpreters and Translators, Inc – Glastonbury, CT March 2020 - Present

- Working directly with customers include schools, educational institutes, government agencies, legal firms and healthcare facilities to take requests and orders.
- Managing and coordinating projects with subcontractors and clients
- Project/order budgeting, scheduling, price and time negotiation, and customer services
- Contract negotiation and amendment.
- Data entry and database management.

Research Specialist, University of Connecticut – Storrs, CT February 2020 – June 2021

- Ptychographic modulation on-chip microscopy for digital pathology; imaging data analysis and reconstruction.
- Biological neural network design and modeling; system analyzing and training using Python and Matlab; electronic control module design.

Biomedical Equipment Specialist, U.S. Army Reserve – West Hartford, CT December 2015- Present

- Biomedical Equipment Specialist. Servicing and maintaining medical equipment with mechanical, electronic, digital, optical and radiological principals; Installing medical equipment; software troubleshooting and system configuration; hardware testing and replacement; documenting inspections, repairs, maintenance procedures;
- Qualified military and defense linguist

Director Assistant, Manchester Community College - Manchester, CT January 2014 – May 2015

- Employer Outreach - Cooperative Education and Career Services; performing Customer service, directing support to faculty and students building rapport and friendships
- Developing educational and training materials for students and teachers; updating and managing college banner system database.
- Working directly on distributing Perkins Grant to departments and maintaining student recipients' database.

EDUCATION

M.S. in Biomedical Engineering, University of Connecticut, Storrs, CT June 2020-May 2022
Track - Biomedical Imaging and Biosensors

B.S. in Biomedical Engineering, Zhengzhou University, Henan, China Aug 2009-Jun 2013
Track – Biomedical instrumentation and imaging

A.S. in Computer Engineering, Networking and System Administration, Manchester Community College, Manchester, CT Jan 2014-May 2015