Thienviet « Viet » Ngomai

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EXPERIENCE

The Johns Hopkins Digital Media Center (DMC): Multimedia Specialist and Technician   **September 2021 - Present**
Student staff providing technical support and resources for creative multimedia projects
- Performing maintenance and troubleshooting of Macs, Windows PCs and laptops, cameras, and peripherals
- Educating and assisting patrons with video, photography, graphics, animation, and 3-D modeling resources
- Usage of Adobe Suite and Blender to complete video editing, animation, design, and other multimedia projects
- Exceptional front desk service providing help and customer support to patrons in-person, online, and by phone

StetPulse   **September 2021 – January 2023**
Technology and prototyping lead for a startup providing a UVC sterilization product
- Developed a novel UVC sterilization solution aimed at providing effective and efficient stethoscope cleaning
- Successfully implemented Arduino microcontrollers and designed circuitry for electrical components
- Designed and built a professional website with customized branding using WebFlow
- Authored, edited, and proofread grants and applications, including pending provisional patent #63307214

InVenimus   **March 2021 - December 2022**
Johns Hopkins Biomedical Engineering team improving difficulties in pediatric IV access
- Collaborated with a multidisciplinary team to design and develop a novel pediatric IV access device
- Conducted needs assessments through clinical interviews and performed workflow identifications using literature review
- Successfully presented the solution to stakeholders, mentors, and Johns Hopkins faculty to showcase potential impact
- Utilized iterative prototyping to incorporate valuable user and stakeholder feedback

Medical Assistant, Hue N Vo, MD, Family Medicine Clinic   **June 2021 - August 2021**
Summer part-time assistant for a family medicine practice
- Performed data entry for the WISEWOMAN Colorado program using an electronic health record and filed patient charts
- Cordially greeted patients and accurately measured vitals, including blood pressure, pulse, height, and weight
- Safely and skillfully performed blood draws, prioritizing patient comfort while minimizing discomfort
- Proficiently communicated with patients in English and Vietnamese, utilizing translation resources as needed

EDUCATION

Johns Hopkins University: Whiting School of Engineering   **2020 - Present**
Biomedical Engineering Senior, pursuing Computer Science and Computer Engineering minors

Phlebotomy Training Specialists   **Summer 2021**
Nationally certified phlebotomy technician through the National Healthcare Certification Organization

D'Evelyn Jr/Sr High School   **2016 - May 2020**
GPA – 4.2, President of Robotics Club (2yrs)

SKILLS

Hardware
- Device Repair and Troubleshooting (Desktops, Laptops, Phones, Peripherals, and Printers)
- Computer Assembly and Maintenance
- Arduino Prototyping
- 3D Printing using Makerbot and Prusa
- Soldering and Desoldering

Programming Languages and Tools
- Python, Java, Javascript, Matlab, CSS, HTML, C/C++ for Arduino, Liquid
- Git, VS Code, PyCharm, IntelliJ

Software
- Installation, debugging, and maintenance of software and drivers
- Website design (From scratch and using WebFlow)
- Video Editing (DaVinci Resolve 17)
- 3D Modeling, Rendering, and Animation (Blender)
- Office 365, Google, and Adobe Suite
- Windows 11, Windows 10, Android, MacOS, iOS

Other
- Technical documentation, root-cause analysis
- Time management, creativity, communication, flexibility, collaboration