CONOR BROWN

browncon505@gmail.com | 615-339-3024
LinkedIn: https://www.linkedin.com/in/conor-brown-for-hire
Website: https://cojobro.github.io
(or scan the QR code) →

EDUCATION

University of Tennessee, Knoxville
Graduation - May 2024
B.S. in Biomedical Engineering
GPA: 4.0 out of 4.0
Top Graduate in Engineering Class of 2024
Outstanding Senior Award

PROFESSIONAL EXPERIENCE

RESEARCH ASSISTANT IN DR. ZHAO'S LAB   Knoxville, TN | February 2023 – Current
University of Tennessee
- Worked on 10+ projects dealing with JavaScript and Python that aimed to enhance care solutions related to dementia care.
- Created a three-part tutorial video series on how to create a RAG based AI chatbot using LangChain, OpenAI, and Pinecone: https://github.com/cojobro/OpenAI-RAG-tutorial
- Published: Morris, T., **Brown, C.**, et al. (2024). *Using Social Robots and AI to Perform Genetic Risk Assessment for Cancer*. Proceedings of the AAAI Symposium Series, 4(1), 359–366. DOI: 10.1609/aaaiss.v4i1.31817
- Contributor to REACH which was awarded the UT Grand Challenge Grant of $100,000 to provide digital and AI-assisted genetic counseling to rural communities.

MEDICAL ASSISTANT   Naknek, AK | May 2022 – August 2022
Camai Community Health Center
- Effectively performed various medical procedures in both primary and emergent care environments; Including but not limited to: drawing blood, x-rays, intravenous injection of medicine, wound debridement, and lab tests.
- Frequently was sought out to troubleshoot and fix various technologies throughout the clinic

TUTOR – ACADEMIC SUCCESS CENTER   Knoxville, TN | August 2022 – May 2023
University of Tennessee
- Crafted lesson plans to help students understand math, engineering, and information science concepts during 30-minute weekly sessions.
- Mentored students through engineering, programming, organic chemistry, and calculus courses using acquired expertise in each subject.

RESEARCH PRODUCTS

- Web app that provides personalized training for caregivers of people living with dementia. (React, Langchain, OpenAI)
- Phone app for Android and iOS that combines a plethora of useful features to help manage the lives of people living with dementia. (Flutter, Firebase, OpenAI)
- System for an experimenter to control a robot for a clinical trial to test efficacy of social robotics on dementia care. (Python, Kotlin, Firebase)

SKILLS

• Python • JavaScript • HTML • CSS • Flutter • React • Firebase • AI • LangChain •
• Machine Learning • Edge Computing • Docker • MatLab • Linux • Cloud Computing •