Shunqiang FENG

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EDUCATION

University of Electronic Science and Technology of China Chengdu, China

Electronic Information Engineering Sept. 2020 – Jun. 2024

- **GPA**: 89.62 (3.95 / 4.0)

HONORS

- **International Level**
- The 3rd prize of China College Students' 'Internet+' Innovation and Entrepreneurship Competition Oct. 2022
- Honorable Mention in American College Students' Mathematical Contest in Modeling May. 2022
- **National Level**
- The 3rd prize of the National College Students' Embedded Chip and System Design Competition Aug. 2022
- National Encouragement Scholarship Sept.2021 – Sept.2022
- **University Level**
- Excellent Student Scholarship Sept.2021 – Sept.2022
- Excellent Student Scholarship Sept.2020 – Sept.2021

ACADEMIC ACTIVITIES

- **Computational Thinking Program of Leong Hon Wai (NUS)** Nov. 2022 – Dec. 2022
- Developed the ability to think in a computational way and learned the application of Graph model.
- Designed a greedy algorithm model to solve the problem "Taxi Assignment" as the team leader and got positive reviews.

- **Shanghai HiSilicon Summer School** June. 2022 – July. 2022
- Received the Top Ten Outstanding Students award.
- Interacted with professional engineers from Huawei to learn about the latest industrial technology in IoT.
- Learned the hardware implementation of deep learning neural networks from creating datasets to inference in embedded systems and completed projects like the garbage classification system and gesture classification system.

- **Innovation and Entrepreneurship Training Program** Nov. 2021 – Sept. 2022
- Explored target identification and tracking technology in the CV field, including YOLOv5 and Kalman filtering.
- Developed a target tracking system capable of selecting targets to follow, which received the Outstanding Students award.

RESEARCH EXPERIENCE

- **Medical Signal Analysis** Oct. 2022 – Present
- Applied knowledge of digital signal processing to preprocess fMRI data.
- Proficient in utilizing PyTorch to build neural networks, specifically ViT, for classification tasks.
- Conducted research on Transformer interpretability to uncover functional insights of the human brain.
- Currently consolidating experimental results in preparation for potential publication.

SKILLS

- **English:** IELTS: Overall score of 6.5 and 6 or more in each module; GRE: 167(Q) + 146(V) + Not Yet Available(W)
- **Programming Languages:** Matlab; Python; C
- **Software Packages:** PyTorch; NumPy