

Call for Ph.D. Positions @ University of Montana

I have **2 Ph.D. positions** opening for the coming year (starting **Spring 2023 or later**)

Focusing on cyber-physical systems, our projects include

- (1) Mobile healthcare
- (2) Bio-sensing systems
- (3) Brain stimulation systems
- (4) Machine learning

Please refer to my publications (<http://mnslab.org/anhnguyen/>) to get a general understanding of my research topics.

By joining my team, you will be well-prepared with a diverse and complete set of skills in all theoretical modeling, device development, and system implementation. You will also acquire a broad knowledge of mobile sensing, mobile applications, biomedical engineering, healthcare system, wearable computing, etc. You are also trained with important skills such as problem formulation, oral presentation, technical writing, time management and planning, proposal writing, collaboration, and more, which are critical to the future success of your career in both academia and industry.

Who can apply: Students with either EE or CS backgrounds are highly encouraged to apply.

Candidates are expected to have:

- A solid background in mobile systems
- Strong motivation toward career excellence
- Hand-on experience with coding/system design, implementation, and thorough system evaluation
- Having research experience
- Well prepared for 3-5 years of concentrated work

Good to have:

- Graduated with a Master's degree
- Experience in the practical implementation of systems such as PCB circuit design, and firmware and software development
- Experience with digital signal processing algorithms and sensor fusion techniques
- Experience with machine learning and data mining
- Published research articles as the first author

Please send your **CV, a letter of motivation (1 page), and optional samples of publications, GRE, and TOEFL** to me via Anh.TL.Nguyen@Colorado.edu or nguyen.tran.lan.anh@gmail.com if you are interested. Positions will remain open until filled, but the preferred start date is either January (Spring) or August (Fall) 2023.