News from the Fence

The Department of Electrical and Computer Engineering (ECE) at Carnegie Mellon University is accepting applications for tenure-, research-, and teaching-track positions at all ranks for our Pittsburgh campus. While all areas will be considered, we have a particular interest in candidates who focus on research and applications from candidates for tenure-, research-, and teaching-track positions at all ranks for our Pittsburgh campus. We particularly seek candidates with research interests in cybersecurity, blockchain and cryptocurrencies, machine learning, and other areas that align with our campus-wide initiatives in Knowledge Creation, Innovation and Entrepreneurship, and Communication and Outreach. A special acknowledgment to all the CMUPortugal Flagships projects on the news.

ECE: Algorithms, Intelligence, and Data-Driven Decision-Making

This project will focus on the development of artificial intelligence algorithms and machine learning methods to solve complex decision-making problems in various domains, including finance, healthcare, transportation, and energy. The project will involve collaboration with industry partners, such as Google, IBM, and Microsoft, to ensure the practical application of the developed algorithms.

ECE: Connected and Autonomous Vehicles and Mobility Services

This project will focus on the development of connected and autonomous vehicles and mobility services, with a particular emphasis on safety, security, and privacy. The project will involve collaboration with industry partners, such as Waymo, Uber, and Daimler, to ensure the practical application of the developed technologies.

ECE: Digital Health

This project will focus on the development of digital health solutions, with a particular emphasis on remote patient monitoring and personalized medicine. The project will involve collaboration with industry partners, such as Apple, Samsung, and Medtronic, to ensure the practical application of the developed technologies.

ECE: Cybersecurity and Privacy

This project will focus on the development of cybersecurity and privacy solutions, with a particular emphasis on data protection and privacy by design. The project will involve collaboration with industry partners, such as Google, Microsoft, and Amazon, to ensure the practical application of the developed technologies.

ECE: Internet of Things

This project will focus on the development of Internet of Things solutions, with a particular emphasis on smart cities and smart transportation. The project will involve collaboration with industry partners, such as IBM, AT&T, and Ericsson, to ensure the practical application of the developed technologies.

ECE: Energy Systems

This project will focus on the development of energy systems, with a particular emphasis on renewable energy sources and energy storage solutions. The project will involve collaboration with industry partners, such as GE, Siemens, andABB, to ensure the practical application of the developed technologies.