Duong Nguyen and Ni Trieu will be joining Arizona State University as tenure-track Assistant Professors. Ni will be with the School of Computing, Informatics, Decision Systems Engineering, and Biodesign Institute. Duong will be with the School of Electrical, Computer and Energy Engineering.

We are looking to recruit multiple PhD students with full financial. Interested candidates should send your CV, transcripts, and everything that you believe will help your application in PDF format to:

- Ni Trieu (nitrieu@asu.edu) for CS. Her academic website: https://nitrieu.github.io/
- Duong Nguyen (duongnt@asu.edu) for EE. His academic website: https://duongtungnguyen.github.io/

Thank you!

General information:

ASU is a public research university located in the Phoenix metropolitan area. ASU is #1 Most Innovative Schools, 5 years, 2016-2020. CS@ASU ranks at 30th in CSRanking (for computer security) and 43th in USNews. EE@ASU ranks at 27th in USNews.

Research Areas & Requirements:

- CS positions: an ideal candidate should be interested in security, privacy, applied cryptography. No prior experience in cryptography or security is required. Experience in other areas, including theory, math, database, machine learning, bioinformatics is a plus. The candidates will be working on exciting topics related to privacy and secure computation to solve practical problems such as COVID-19 Contact Tracing, Online Advertising, Secure Machine Learning, and Privacy-preserving Bio-computing.

- EE positions: An ideal candidate should be interested in the interdisciplinary research at the intersection of operations research, economics, and engineering, with a specific focus on developing mathematical models for decision-making and economic analysis of large-scale complex systems such as cloud/edge computing, smart grids, crowdsourcing, ride-sharing, Internet of Things, and data marketplaces. The overarching goal is to build efficient platforms that engage multiple users with different objectives (aka market design), considering various design criteria ranging from social welfare optimization, profit maximization, individual rationality, truthfulness, to privacy, fairness, and uncertainty. Prior experiences are not required. However, previous research experience in any of the following areas is a big plus: mathematical modeling, optimization, theoretical machine learning, game theory, mechanism design, multi-agent systems, microeconomics, secure computation, deep learning, programming, testbed design, systems research, communications and networking, and power systems.

Other links:

https://ecee.engineering.asu.edu/about/
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