

Yuzhou Feng

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EMPLOYMENT

- **Teaching Assistant** **CPS Lab, Florida International University** **Aug.2018-Now**
 - Doing data science and system research in new energy, IoT fields. Developed SolarTrader, SolarFinder, IoTSpot researching projects, published three conference papers.
- **Research Associate** **BreazeHome, Florida International University** **Jan.2016-Aug.2018**
 - Developed BreazeHome.com real estate project. Managed Scrum team as a Scrum master with 6 -10 team members by using JIRA, Mingle.
- **Research Associate** **HPDRC, Florida International University** **Jan.2014-Dec.2016**
 - Implemented Terraflly high availability cluster with 5 hosts over 3 cities. Developed 3D globe map for AIS vessel traffic data. Implemented and designed Terramap GIS map system.
- **Software Engineer** **Mobifun Entertainment Technology Co.** **Feb-Sep.2012**
 - Implemented a RPG Game Engine by C++ and MFC framework. Developed a commercial mobile game project "The Journey to the West" on Brew mobile system.

RESEARCH PROJECTS

- **SolarTrader:** A new solar energy trading system that enables unsupervised, distributed, and long term fair solar energy trading in residential VPPs.
- **SolarFinder:** A new system that can automatically detect distributed solar photovoltaic arrays in a given geospatial region without any extra cost.
- **IoTSpot:** Unsupervised identification system for IoT devices using their "anonymous" network traffic data.

PUBLICATIONS

- Yuzhou Feng, Qi Li, Dong Chen, Raju Rangaswami. "SolarTrader: Enabling Distributed Solar Energy Trading in Residential Virtual Power Plants", ACM BuildSys Yokohama, 2020. Acceptance Rate = 24.3%.
- Qi Li, Yuzhou Feng, Yuyang Leng, Dong Chen. "SolarFinder: Automatic Detection of Solar Photovoltaic Arrays", IPSN Sydney, 2020. Acceptance Rate = 21.77%.
- Liangdong Deng, Yuzhou Feng, Dong Chen, Naphtali Rische. "IoTSpot: Identifying the IoT Devices Using their Anonymous Network Traffic Data", MilCom Norfolk, 2019.
- Yuzhou Feng, Liangdong Deng, Dong Chen. "Poster: IoT Devices Discovery and Identification Using Network Traffic Data", presented in ACM WiSec Miami, 2019.

EDUCATION

- **Computer Science, Ph.D** Florida International University **GPA3.56** **Sep.2018-Now**
- **Engineering Management, MS** Florida International University **GPA3.45** **Jun.2014-May.2015**
- **Interaction Design, MS** Beihang University **GPA3.5** **Sep.2012-Jun.2014**
- **Computer Science and Technology, BS** Datong University **GPA3.6** **Sep.2008-Jun.2012**