

## PhD openings in CS @ FIU in Fall 22 / Spring 23

Dr. Ruimin Sun's research group in the Department of Computer Science at Florida International University has 2 to 3 fully funded PhD positions starting Fall 2022 / Spring 2023. Research directions focus on **cybersecurity in embedded devices, mobile devices, ML/AI, and other IoT/CPS systems**. We welcome students in CS, EE, and math-related majors to apply.

Dr. Ruimin Sun received her Ph.D. from the University of Florida in 2019. After that, she works with Dr. Long Lu as a postdoctoral researcher at Northeastern University. Her research covers system security, involving malware detection, embedded systems, mobile systems, and ML attacks and defenses. She has published papers in top tier security conferences and journals, including *USENIX SECURITY*, *NDSS*, *EURO S&P*, *TDSC*, etc. More information can be found at <https://www.ruiminsun.com/>

### Hiring preferences

- Background in programming (C/C++, python, scripts in Linux).
- Knowledge in system, security, or ML/AI.
- Experience in building software systems from scratch or have published papers in related fields are preferred.

### Program Advantages

- Opportunities to intern in universities and research labs that are strong in security research.
- Opportunities to publish in top-tier security conferences.

### Contact

(\*Note: the application due has passed, please send an email **directly** to [r.sun.fiu@gmail.com](mailto:r.sun.fiu@gmail.com) with your resume and transcripts). Please briefly describe your research interests in the email with the **subject line: PhD Application - "Name"**.

### About

FIU is a public R1 research university, close to [Miami Beach](#). FIU enjoys year-round subtropical climate with cool ocean breezes. Life is safe and full of fun. Miami is home to 1,000+ international companies and supports 7,000+ tech companies.

- FIU [ranks #5](#) nationally in enrollment and is designated as having "[Emerging Preeminence](#)".
- The CS department [ranks #38](#) nationally in the total R&D Expenditures and is making remarkable growth in recent years.
- Cybersecurity is the preeminent research area – FIU is forming a strong security group in the next several years.