

## Md. Mizanur Rahman

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CONTACT INFORMATION	PhD Student <b>Florida International University</b> mrahm031@fiu.edu	11008 SW 3RD ST, Miami, FL - 33174 <i>Cell:</i> +1 786 448 0770 <i>Web:</i> users.cis.fiu.edu/ mrahm031/
RESEARCH INTERESTS	<ul style="list-style-type: none"><li>• Intersection of security and machine learning, with applications to fraud and malware detection</li><li>• Software engineering, mobile programming</li></ul>	
CURRENT POSITION	Research Assistant Cyber Security and Privacy Research (CaSPR) Lab School of Computing and Information Sciences <b>Florida International University</b> Advisor: <b>Bogdan Carbutar</b>	
EDUCATION	<i>PhD Student</i> <b>Florida International University</b>	<b>Fall 2013 to Present</b>
	B.Sc. Engg., Computer Science and Engineering, March 2009 <b>Bangladesh University of Engineering and Technology (BUET)</b> , Dhaka, Bangladesh	
CURRENT PROJECTS	<b>Fraud detection in google play</b> Monitored 87k apps in Google Play for 6 months. Analyzed app metadata using data mining and natural language processing tools. (Languages/Tools used: Java, Python, R, MySQL, Weka, JStylo)	
	<b>Reducing Social Networking Risks in Adolescents</b> Investigate the connection between psychological mechanisms that render adolescents vulnerable to risky social networking behaviors. Develop tools to make adolescents aware of risky decisions and encourage safe choices. (Languages/Tools used: Python, R, MySQL)	
PUBLICATIONS	Mahmudur Rahman, <b>Md. Mizanur Rahman</b> , Bogdan Carbutar, Duen Horng Chau. <i>FairPlay: Fraud and Malware Detection in Google Play</i> , Accepted in the SIAM International Conference on Data Mining (SDM), May 2016.	
	Bogdan Carbutar, <b>Md. Mizanur Rahman</b> , Mozhgan Azimpourkivi, Debra Davis. <i>GeoPal: Friend Spam Detection in Social Networks Using Private Location Proofs</i> , Accepted in The IEEE International Conference on Sensing, Communication and Networking (SECON 2016).	
	Ishrat Ahmed, Samiha Samrose, Shujon Naha, Md. Ridwanur Rahman, Proteek Chandan Roy, <b>Md. Mizanur Rahman</b> , Syed Ishtiaque Ahmed, <i>A-Class: Intelligent Classroom Software for the Autistic Children</i> , accepted in IEEE Symposium on Computer and Informatics (ISCI), Penang, Malaysia, March 2011, IEEE Computer Society Press	
	Mirfat Akter Sharmin, <b>Md. Mizanur Rahman</b> , Syed Ishtiaque Ahmed, Md. Mustafizur Rahman, S. M. Ferdous, <i>Teaching intelligible speech to the Autistic children by interactive computer games</i> , accepted in <i>The ACM Symposium on Applied Computing (ACM SAC)</i> , Taiwan, China, March 2011, ACM Press	

PROFESSIONAL  
EXPERIENCE

**iAppDragon**, Dhaka, Bangladesh

*Team Lead*

**January 2013 to July 2013**

- **Responsibilities :** Web and Handheld Device Developer (PHP, MySQL, Java Script, , iPhone SDK, Android)
- **SMS Survey Web Portal** provides powerful mobile survey software for the financial services, banking, insurance, contact center, travel, telecommunications and retail businesses helping you improve response from the customers.
- **Eat@ Restaurant** A free app for iPhone and Android that lets restaurateurs promote their restaurants to discerning diners, anywhere, anytime, whatever theyre doing.

**KAZ Software**, Dhaka, Bangladesh

*Software Engineer*

**February 2010 to December 2012**

- **Responsibilities :** Web Developer (JAVA Servlet, Struts, JSP; HTML; SQL Server,GWT), Handheld Device Developer (Android SDK, iPhone SDK, Titanium SDK)
- **IBFD Tax Research Web Portal** front-end access for nearly all IBFD products, allowing the users to view all information
- **YourView** A mobile/desktop conversation utility for getting real time information and suggestions.
- **TimePal** TimePal gives a easy way to see all your friends time zones and find out the time that fits for all and email the meeting plan to them.
- **Tapedelic Tunes** Use this tool to tap out a tune with a synchronized animation that soothes away all your stress in seconds.
- **Family Book** It's an easy way to keep track of the family structures of all your friends and relatives

**PROLOG Inc.**, Dhaka, Bangladesh

*Software Engineer*

**January 2009 to January 2010**

- **Responsibilities :** iPhone Developer (iPhone Dev SDK, Objective-C)
- **Other Projects:** Food Planner, Amazing Photo Mask, Air Copter, Golden Ball

**FREELANCING**

- **Projects:** Ninja Rush, ParkSpatz, iMusic Dictionary

COMPUTER SKILLS

- Languages: Python, Java, Objective C, C, C++, C#, Prolog, 80x86 Assembly Language, SQL, Shell Script(Linux)
- Web Development: ASP.NET, PHP, JavaScript, Ajax, HTML
- Database: Oracle, MS SQL Server, MySQL, MS Access
- Graphics Library: OpenGL
- IDE: Microsoft Visual Studio, NetBeans, Eclipse, JCreator, iPhone SDK. Android SDK
- Simulation Tools: Matlab, Circuit Maker, PSpice, Quartus, Packet Tracer, NACHOS
- Operating Systems: Microsoft Windows, Linux, MAC
- Miscellaneous: LATEX, Microsoft Office

UNDERGRADUATE Access control in distributed system

THESIS

**Supervisor:** Dr. Muhammad Masroor Ali, Professor, Dept. of CSE, BUET

REFERENCES

Available upon request