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Atanu Shuvam Roy
*Student, Jiangxi University of Science &
Technology*

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Summary

Experienced with web application and web site development for over 3 years in university laboratory. Young researcher seeks to learn new technology. Proven track record of working flawlessly in a team and completing projects with maximum efficiency

Current Status

- Student Research Assistant, Robotics and Automation Lab (RARL), School of Information Engineering, Jiangxi University of Science and Technology, Jiangxi, China.

Current Project:

- Sports Trainer System with Unity

Past Position:

- N/A

ResearchGate Page:

- <https://www.researchgate.net/profile/Atanu-Roy-8>

Basic Information

Date of birth:	07 Jan 1999	Contact Number:	China (+86) 13155795007
Place of birth:	Dhaka, Bangladesh	LinkedIn Page:	https://www.linkedin.com/in/atanuroy911

Education

Start	Mar 2018	B.Sc	Jiangxi University of Science and Technology
End	Jan 2022	Department of Information Engineering B.Sc. in Computer Science & Technology Supervisor: Dr. Ata Jahangir Moshayed	
Specialized Courses:		Computer Networking (A); Web Development (A); Software Engineering (A); Embedded System Design (A); Android Application Development (A);	

Completed Course Projects

2020-2021	Bitcoin-Core Web Application		
	Instructed by	School of Information Engineering, Jiangxi University of Science and Technology, China.	
	Job	Full System Development	
	Link to Project	https://github.com/atanuroy911/BTC-CORE-WEBAPP	

Total 147 credit

July 2015- July 2017	High School Diploma (A Level Equivalent)	Notre Dame College, Dhaka, Bangladesh	
	Higher School Certificate (HSC) in Science (G.P.A. 5.00)		
Jan 2013 - Dec 2015	Secondary School Diploma (O Level Equivalent)	St. Joseph Higher Secondary School, Dhaka, Bangladesh	
	Secondary School Certificate (SSC) in Science (G.P.A. 5.00)		

Work Experience

2018-Present	Student Research Assistant [Part-Time]		
	Sponsored by	Robotics and Automation Research Lab, School of Information Engineering, Jiangxi University of Science and Technology, China.	
	Responsibilities	- Conduct literature reviews - Collect and analyse data - Conduct Experiments	

- Write and contribute to publications
- Guide the work of other students
- Prepare other articles, reports and presentations
- Proofread research documents

Fields of interest based on publication and projects

- Automation and Robotics
- Internet of Things (IoT)
- Embedded System
- Software Prototyping
- Android Development
- Computer Networking
- Animation
- Unity Game Development
- Artificial Intelligence

Honours / awards

2020-2021	2021年(第14届)中国大学生计算机设计大赛(江西省赛区)中荣获 - 14th China University Computer Design Competition (Jiangxi Province) Web Page: https://2021.jsjds.com.cn/ Rank: Second Prize
2020-2021	(债券图表数据OCR检测与文本识别) Rank: Participation
2020-2021	江西省政府奖学金 “Jiangxi Provincial Government Scholarship for foreign students”
2018-2019	江西省政府奖学金 “Jiangxi Provincial Government Scholarship for foreign students”
2019_2020	年全国大学生“互联网+”创新大赛 暨第七届“发现杯”全国大学生互联网软件设计大奖 national University Students "Internet " Innovation Competition and the 7th "Discovery Cup" National College Students Internet Software Design Competition in 2019, web page: http://www.dajiangsai.org/ , Award information website: http://www.dajiangsai.org/news/0512-1440.html , rank: Second prize in Central China.

Certifications

- Google IT Support Specialization (Issued: May 2019) – Credential ID: XWWFL3BT84WV

Selected Completed Research Projects

2019-2020	Self-Lecture Attendance System	
	Sponsored by	School of Information Engineering, Jiangxi University of Science and Technology, China.
	Job	Full System Development
2019-2020	Canteen Management System(食堂经理)	
	Sponsored by	School of Information Engineering, Jiangxi University of Science and Technology, China.
	Job	Frontend Development
2018-2019	Raspberry Pi SCADA for Agricultural Plant Monitoring	
	Sponsored by	School of Information Engineering, Jiangxi University of Science and Technology, China.
	Job	Full System Development
2018-2019	Development of FOOD Delivery Robot	
	Sponsored by	School of Information Engineering, Jiangxi University of Science and Technology, China.
	Job	Web App Design and Network Engineering
2020-2021	债券图表数据OCR检测与文本识别	
	Supported by	Robotics and Automation Lab, Jiangxi University of Science and Technology, China.
	Job	Team Member and Project Presenter
2020-2021	Pandemic-driven Exam Assistant [PEA] (基于疫情的在线考试助手PEA)	

Supported by	Robotics and Automation Lab, Jiangxi University of Science and Technology, China.
Job	Team Leader and Lead Developer

Publications and Patent Summary

Published Book	0
Patent and copy write	1
Papers records in Brief : Total: 3	
International Conferences	
• IEEE	1
• International Journals (Language: English)	1

Publication and Patent Details

A. Patent and Copywrite

Copy-Write

1. Self-Lecture Attendance System 自学考勤系统,[简称: SLAS],登记号: 2020SR0058411

B. BOOK:

C. PAPERS PRESENTED AT THE CONFERENCES:

PAPERS PRESENTED AT THE INTERNATIONAL CONFERENCES, IEEE level:

1. **Moshayedi Ata Jahangir** , Atanu Shuvam Roy, , Liefia Liao, Li Shuai “ Raspberry Pi SCADA Zonal based System for Agricultural Plant Monitoring”, ICISCE 2019 2019,DEC2019

Journal publications

1. **Moshayedi Ata Jahangir**, Roy Atanu Shuvam, Liefia Liao, “PID Tuning Method onAGV (automated guided vehicle) Industrial Robot”, Journal of Simulation and Analysis of Novel Technologies in Mechanical Engineering (JSME)
2. **Moshayedi Ata Jahangir**, Roy Atanu Shuvam, Lan Hong, Liefia Liao “QR and Raspberry Pi based Self-Lecture Attendance Systems (SLAS): Design and Performance Evaluation”, Bulletin of Electrical Engineering and Informatics [Under Review]

Online Contributions

A. YouTube link

1. Raspberry Pi SCADA Zonal based System for Agricultural Plant Monitoring | <https://www.youtube.com/watch?v=AriVPqGqBu8>
2. Canteen Management System (食堂经理 | SJ) <https://youtu.be/7dQric8m3BE>

B. Public Tutorial on internet

1. C++ Tutorial for Beginners (YouTube), 2018
2. JAVA Tutorial for Beginners (YouTube), 2019

Skills Computing and Programming

Programming Languages: Python, Arduino C++, C, C++, Assembly, MATLAB, JAVA (Android, Springboot)

Languages for Design and Scripting: HTML, CSS, PhP, JS. Laravel, Vue

Software: MS Office, Adobe Photoshop, Premiere Pro, Arduino IDE, Unity 3D, Final Cut Pro X, Android Studio, IntelliJ IDEA, PyCharm, Adobe Dreamweaver, PhPStorm, Visual Studio

Operating system: Windows, Linux, MacOS

Windows Advanced User, Linux, Advance User, Mac Intermediate User

Languages: English (Fluent), Bangla (native), Hindi (Upper Intermediate), Chinese (Beginner)

References (Will be available upon request):

Dr Ata Jahangir Moshayedi

(B.Sc. research Guide)

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Associate Professor, School of Information Engineering, JXUST, Ganzhou, China

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