IRIN ANNA SOLOMON

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Career Objective

To seek a career in a progressive organization where I can apply knowledge and acquire skills so as to facilitate the growth of the organization and self.

Work Experience

International Institute for Population Sciences, Mumbai
- Role: Executive Assistant, IIPSAA & Senior Research Officer, Publications Cell
- Research work, organizing workshop, training programs, lecture series and Seminars
- Publication of Newsletter, Director's Report and Research Briefs
- Organizing Global Alumni Meet, drafting reports and Organizing meetings
- Period: Sept 2021-

Indian Council of Medical Research (ICMR), New Delhi
- Role: Junior AI Expert, Artificial Intelligence Cell
- Under AI cell project, drafted Ethical guidelines for the Application of AI in Biomedical Research and Healthcare
- Organized International Symposium on 'AI for Health' along with ITU-WHO Focus Group
- Validation of AI based tools
- Conducting training programs for staffs (medical & non-medical) to foster innovations and capacity building
- Period: Sept 2019 – April 2021

Mirox Cyber Security and Technology
- Role: Programmer
- Cyber security related project
- Worked on IDS, Honeypot and Sandbox
- Period: June 2015- June 2017

Education

Course & Year of Passing	Institute & University	Grade
M. Tech (2019)	Amity University, Haryana	9.73
B. E (2015)	Anna University, Chennai	7.7
HSC (2011)	St. Thomas Central School, Trivandrum, CBSE	73%
SSC (2009)	St. Thomas Central School, Trivandrum, CBSE	80%

Projects

- **Deep Learning based Intrusion Detection System:**
This project is basically an Intrusion detection system using Machine learning algorithm (Deep Learning). It is used for monitoring and sensing the attack persisting inside the network system and is implemented with Keras and TensorFlow, using the KDD-99 and NSL-KDD dataset.

- **E-College Event Handler:**
This project is a web application as well as a mobile application which contains all information about the various events conducted by different colleges. Colleges can upload the information by using user name and password provided to them, can get registration report and can also maintain the database. This is aimed at developing a web based and central event handling system for all colleges.

Achievements

Academic Achievement
- Participated in the Technical event conducted by Amity University and secured second prize for poster presentation on "Big Data Analysis: Making University Intelligent".
- Paper presentation on "Stimulation of Cloud services with the help of Storage Virtualization" at the NGCT-2018, held at UPES, Dehradun.
- Paper presentation on "Neural network-based Intrusion detection: State of Art" at the SUSSCOM-2019, held at Amity University, Rajasthan
- Won 3rd prize in paper presentation on "OTT SERVICES" conducted by Hindustan Institute of Technology, Coimbatore.
- Special award for scoring the Department highest for M.Tech.

Cultural Achievement
- Had won many prizes for singing competitions by CBSC Sahodaya Arts Festival.
- Performing artist in the 'Music India' a band competition conducted by Asianet channel.
- Participated in Basketball and Throw ball competition conducted by our college and won second prize
- Participated in Badminton doubles during inter church competition and won third prize.
- Member of the organizing committee of IEEE conference held at Amity University, Haryana
- Editorial Member of College Magazine "VISTA"
- Member of the organizing committee for a two-day seminar on "Theory of Computation"

Personal Information

DOB: 22nd January, 1993
Gender: Female
Nationality: Indian

Skills

Software & Technology
- ANACONDA
- ML& AI
- MYSQL
- CISCO PACKET TRACER
- DVWA
- WIRESHARK
- NMAP
- NETCAT
- TENSORFLOW
- HONEYDRIVE
- MHN

Languages
- C++
- C
- Python
- R
- Java
- MATLAB

Internships & Workshops

- Attended in "A Three-Day Entrepreneurship Awareness Camp" sponsored by EDII, Ahmedabad and NSTEDB, DST, New Delhi.
- Participated in a two-day workshop on Network Implementation & Security organized by Association for Computing Machinery-IIT Delhi and Network Bulls.
- Internship at MIROX, Thiruvananthapuram
- Pursuing online course on Advanced Cyber security, NPTEL

Publications

- Paper published in Asian Journal of Computer Science and Technology on "Intrusion Detection System on Deep Learning".
- Paper published on "Neural network-based Intrusion detection: State of Art".
- Paper published on "Stimulation of Cloud services with the help of Storage Virtualization".

Languages known

- English
- Hindi
- Malayalam
- French

Interest

- Reading
- Singing
- Music