MISAN BARAL

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TECHNICAL SKILLS

C/C++, MATLAB, MS-Office, KiCAD, Embedded Programming

EDUCATION

- 8th semester: B.E. Electronics and Communication Engineering, IOE Pulchowk Campus[80.507% unofficial]
- 2014: +2(Science), Birat Science Campus, Biratnagar, Morang[82.30%]
- 2012: SLC, Budhanilakantha Secondary English School, Biratnagar, Morang[90.00%]

ENROLLMENT

- CareerPrep Fellowship, Women Development Advocacy Center [2018]

PROJECTS

- MAJOR PROJECT: SLAM implementation on mobile robots for indoor navigation in hospitals [2017-2018]
- MINOR PROJECT: Child Health Tracking System [2017]
- Instrumentation-II Project: Android Controlled Water Boat [2017]
- Computer Graphics Project: 3D Modelling of Interior Design [2017]
- C++ project on Bus Ticket Reservation System[2016]
- C project on Library Management System [2015]

PERSONAL INTERESTS

Volunteering, Blogging, Emcee, Public Speaking, Singing, Reading, Traveling

HONORS AND AWARDS

- Birat Campus Girls' Topper[Grade XI/XII] [2014]

- Batch Topper- SLC [2012]

- Best Girl of the Year [2010][2009]

- Principal's Award [2007][2006][2005][2004][2003]

ACTIVITIES AND EXPERIENCE

- Secretary, IOE ROBOCON 2018

- Coordinator, Tech Talk: IEEE NEPAL [2017]

- Organizer, Hack-a-Week [Locus 2018]

- Member, Zerone Editorial Team [Locus 2018] [Locus2017]

- Member, Engineering Youth Network Amnesty International Nepal [June 2017-present]

- Member, Nepali Writers [2015-present]

- Organizer, Inter College Quiz Contest, [Locus 2017]

- Volunteer, Locus [2015, 2016, 2017]

- Student Coordinator, Blood donation program [2013]

- Volunteer, Youth for Blood [2013]

EVENTS AND WORKSHOPS

- Attended "Asian Regional Meeting on Open Data, Open Access and Open Education" organized by Open Access Nepal [December 2017]

- Attended "A workshop on Data Analytics and Machine Intelligence" organized by South Asian University in IOE Pulchowk Campus [December 2017]

- Participant, Open Data Hackathon, Open Knowledge Nepal [November 2017]

- Python Basics Workshop [Locus 2016]

- 15-day crash course on Robotics [Locus 2016]

- Human Rights Ideation, Microsoft Innovation Centre, Nepal [2016]

- Android App Development Camp [Locus 2015]

- Volunteer Leadership Training, Youth For Blood [2013]