

# Abhishek Paudel



## CONTACT

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## EDUCATION

### Bachelor of Engineering in Computer Engineering

2013 - 2017

*Tribhuvan University, Institute of Engineering, Pulchowk Campus, Lalitpur, Nepal*

### 10+2, Science

2010 - 2012

*St. Xavier's College, Kathmandu, Nepal*

### School Leaving Certificate

2010

*Private Paradise Secondary School, Sindhupalchok, Nepal*

## SKILLS

- **Languages:** Nepali, English, Hindi
- **Programming Languages:** C, C++, Python, Javascript, PHP, MATLAB, Assembly
- **Frameworks:** Django, Bootstrap
- **Databases:** MySQL, PostgreSQL
- **Tools & Utilities:** Microsoft Office, Adobe Photoshop, Microsoft Azure
- **Others:** Public Speaking, Presentation, Event Planning & Management, Music

## ACHIEVEMENTS/AWARDS

- **Artificial Intelligence Fellowship, Fusemachines Nepal:** Fusemachines AI Fellowship is a year long program that aims to train, educate and create a pool of AI specialists who will collaborate on solutions focused on implementing AI, Natural Language Processing, Computer Vision and Machine Learning techniques to address real world problems. (2017)
- **Winner, LOCUS Hack-A-Week:** Awarded 1st prize in social impact category on the national level hack-a-thon LOCUS Hack-A-Week for building a web-based manpower agencies rating and reviewing platform for migrant workers to cope with increasing fraud by manpower agencies. (2016)
- **Winner, Microsoft YouthSpark Challenge for Change Global Contest:** Won the global contest for the idea 'Telemedicine in Rural Parts of Nepal'. The competition included participants from more than 100 countries who competed with their ideas about how they want to sparkle change in their communities through technology. (2015)
- **Microsoft Student Partner, Microsoft:** Microsoft Student Partner is a worldwide recognizable program of Microsoft to sponsor students majoring in disciplines related to technology by making accessible various state-of-art tools and trainings free of cost. (2014)
- **2nd Runner Up, ChildApp Appathon:** Awarded 3rd prize for building SMS based child/maternal health care and birth registration system prototype in national level application building competition, ChildApp Appathon, jointly organized by Microsoft Innovation Center Nepal, UNICEF and Child Reach Nepal. (2014)

## ACADEMIC PROJECTS

- **Musick:** A recommendation system that recommends music based on personality of a person determined from his social media profile
- **SlideCast:** A tool that allows live broadcasting presentations to computers and smart phones in a network
- **Chatbot:** Minor project on Python that generates responses to questions based on Markov model and pattern matching
- **Secure Emigration:** A web-based platform developed on Django that allows rating and reviewing of manpower companies
- **Frame:** A web-based story publishing and reading platform developed on Django
- **Capture The Flag:** A 2D adventure game developed on C++ using SDL graphics
- **Fruit Swiper:** A puzzle game developed on Windows Store platform
- **Tanpura:** An eastern classical musical instrument developed as a Windows Store app

## WORK EXPERIENCES

### Equal Access Nepal

January 2017 - November 2017

*Technical Consultant*

Supported UNICEF Nepal CO in development and deployment U-report platform as a part of Shout Out For Health program initiated by Bill & Melinda Gates Foundation. U-report is a free, SMS-based system that allows young people to speak out on what is happening in communities across their country, and work together with other community leaders and policy makers for positive change.

### Hult Prize @ Tribhuvan University

November 2016 - March 2017

*Event Coordinator*

Coordinated on-campus event of the Hult Prize at Tribhuvan University whose winning team competed in the regional finals in Dubai. The Hult Prize is a social impact start-up competition of students from around the world and organized by Hult Prize Foundation in partnership with Former US President Bill Clinton and the Clinton Global Initiative that grants its annual winner a seed funding of USD 1 million.

### LOCUS Technological Festival

November 2016 - October 2017

*Software Coordinator*

Coordinated various software related projects and events for the LOCUS 2017 - 14th National Technological Festival. LOCUS is one of the biggest annual technological exhibition of the nation run fully by the undergraduate students of Department of Electronics & Computer and Electrical Engineering of Institute of Engineering, Pulchowk Campus that promotes technical innovation and creation along with engineering studies through interaction and healthy competition among creative minds in technical fields.

### Nepal Participatory Action Network

June 2016 - August 2016

*Technical Consultant*

Developed and deployed SMS based information and monitoring system on RapidPro platform for the UNICEF supported cash transfer program in earthquake affected districts to acquire data from local communities and present real-time/off-line analytics.

### United Nations Children's Fund (UNICEF) Nepal Country Office

January 2015 - November 2015

*Technical Consultant*

Developed and deployed SMS based applications on RapidPro platform like Hero Teacher Network for communication with teachers in remote districts, UNICEF Staff Security System for tracking locations of UNICEF field staffs for their security, and Voice of Youth for 'Saathi Sanga Manka Kura' radio program to communicate with youths.

## WORKSHOP/CONFERENCE/VOLUNTEER EXPERIENCES

- *Participant*, International Workshop on Data Analytics and Machine Intelligence, Nepal (2017)
- *Participant*, Asia-Pacific HLM3 Youth Innovation Challenge Workshop, Kuala Lumpur, Malaysia (2016)
- *Delegate*, Slush 2015, Helsinki, Finland (2015)
- *Speaker*, Global Innovations for Children and Youth Summit, Helsinki, Finland (2015)
- *Participant*, Me to We Youth Volunteer Trip, Maasai Mara, Kenya (2015)
- *Mentor*, Assistive Appathon by UNICEF, Google and MIC Nepal (2015)
- *Mentor*, Wearables Appathon by UNICEF and MIC Nepal (2015)
- *Judge*, Microsoft Imagine Cup Break Into Code Challenge (2015)
- *Volunteer*, Hour of Code by Code.org (2014)
- *Blogger*, Kathmandu's Debate Mahakumbha by Debate Network Nepal (2014)

## REFERENCES

- *Dr. Amjad Rabi*, Deputy Representative, UNICEF Malaysia Country Office
- *Christopher Fabian*, Co-Lead, UNICEF Innovation Unit, UNICEF HQ, New York
- *Allen Bailochan Tuladhar*, Regional Director (Asia-Pacific), Microsoft