






# ROHIT PAUDEL

December 4th, 1997. Nepalese  
College Ring 2, Bremen, Germany

 (+49) 170-2765-414

 rohitpaudel9@gmail.com  
r.paudel@jacobs-university.de

 rizeol

 rohitpaudel9

## Programming

### Advanced

• C++ • Python

### Intermediate

• C • Matlab • HTML • MySQL

### Basic

• Bash • NodeJS • ReactJS • Solidity

## Languages

### Native

• Nepali

### Fluent

• English • Hindi

### Basic

• German(A2)

## Concepts

- Algorithms & Data Structures
- Computer Vision
- OOP Principles

## Tools

- Git
- Vim
- $\text{\LaTeX}$
- Wordpress

## Education

2017 - 2020 **BSc. Computer Science**  
Minor in Intelligent Mobile Systems

Jacobs University, Germany

## Experience

- July 2018 - Jan 2019 **Working Student Developer** Jacobs University
- Developed desktop apps for conducting psychology experiments using PsychToolBox on Matlab
- Jul 2016 - Aug 2017 **Co-founder, Trainer** TechGenX Robotics, Kathmandu, Nepal
- Tutored underprivileged children about Robotics and Computer Programming and organized Robotics workshops & Science Exhibitions & built prototype projects on Arduino platform

## Research & Projects

- Nov 2018 **Love the Chain - Realestate Marketplace in Blockchain** Malta Blockchain Hackathon, st. Julians, Malta
- worked on Ethereum based decentralized app (dapp) marketplace using node.js, express.js, solidity and so on within a team of 6 engineers and developers.
- July 2018 **Fairhousing - Blockchain system to track rental agreements** Blockchain Pioneers Hackathon, Berlin
- Implemented frontend for a blockchain based system and combined with the backend system code (HTML, CSS, JS)
- Oct 2017 - Mar 2018 **Control System & Automation** Intelligent Mobile System Lab
- Worked with Arduino and Processing to visualize 3D object movement with PID controller and Design Control System for Motor using Arduino and Matlab
- Dec 2014 - Jan 2015 **Autonomous Robot** Goldengate Robotics Club
- Researched and build a Robot with an arm controllable with Smartphone (built a working prototype based on Arduino Platform)

## Prizes & Awards

- Oct 2018 **Winner of Airbus Challenge** Hackathon Bremen 2018
- Worked in a team of 5 engineers to prototype a system to maintain Tetris Aircraft Assembly smart Inventory for production.
- Jun 2018 **Winner of OSRAM Challenge** TechFest Munich Hackathon, TUM
- Created a IoT smart Building system using Raspberry Pi, HPD2 Optical Sensor (by Steinell), Google Assistant, OSRAM Lightelligence platform
- July 2017 **Merit Based Scholarship at Jacobs University Bremen**
- feb 2016 **3rd Prize in 6th Southwestern Science Exhibition 2016** Southwestern College, Kathmandu, Nepal
- feb 2016 **Award of Participation & most creative team in 21st SET Exhibition** St.Xavier's College, Kathmandu, Nepal