



SIMAR MANN SINGH CHAWALA

PERSONAL DETAILS

D.O.B. : 17/02/1992
Nationality : Indian
Marital Status : Single
Visa Status : Job-Seeker

LANGUAGE SKILLS

English
Hindi
Punjabi (Native)
Deutsch

INTERESTS

3D Printing DIY Projects
Playing Guitar Cooking Cycling



EDUCATION

Kiel, Germany
(Oct 2015 – March 2020)

Christian Albrechts Universität (CAU)
Master of Science (M. Sc.)
Digital Communications (Electrical Engineering)

New Delhi, India
(Aug 2010 – May 2014)

Guru Gobind Singh Indra Prastha University
Bachelor of Technology (B. Tech)
Electronics and Communication Engineering

WORK EXPERIENCE

Dingolfing, Germany
(Feb 2019 – Aug 2019)

Bayerische Motoren Werke (BMW)
Internship
Web Application Development, Quality Assurance
and writing documentation of web applications

Kiel, Germany
(Jun 2018 – Dec 2018)

Christian Albrechts Universität (CAU)
Master's Thesis (Note: 1,7)
Topic: Design [GUI](#) and Post-Processing
for Pulse Coherent Radar

Haifa, Israel
(Aug 2017 – Sep 2017)

Technion Israel Institute of Technology
Internship
APSK Signal Evaluation using EVM vs BER
for Satellite Link

SKILLS / QUALIFICATIONS

- Web Skills:** HTML5, CSS, JavaScript, JQuery, PL/SQL, Material-UI, Bootstrap, MERN stack (MongoDB, Expressjs, Reactjs, Nodejs), NodeMailer, PapaParse, experience with Jest for testing
- Other Programming Skill:** C++, OpenGL, SQL, Networking (TCP/UDP), MATLAB
- Tools:** Version Control – Git, Jira, Confluence, Visual Studio Code, Figma

ACADEMIC PROJECTS

Kiel, Germany
(Jul 2019 – Aug 2019)

Coursera MOOC by University of Michigan
Python Programming Course
Certificate Number: [KD7U7JLSW7P9](#)

Kiel, Germany
(Oct 2016 – Jan 2017)

Christian Albrechts Universität (CAU)
Advanced Quick Response 4D codes
to achieve higher data transmission
rates (Image Processing)

Kiel, Germany
(Apr 2016 – Aug 2016)

Christian Albrechts Universität (CAU)
Signal Equalization using Decision Feedback
Equalizer and Zero-Forcing Equalizer

New Delhi, India
(Feb 2014 – May 2014)

Guru Gobind Singh Indra Prastha University
Smart Wheelchair using IR sensors
and accompanying Android Application