## 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]

LinkedIn   Website   Github   Portfolio

# 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, PL/SQL, Bootstrap, MERN stack (MongoDB, Expressjs, Reactjs, Nodejs)
- Design Skills: Adobe Illustrator, Figma
- Other Programming Skill: C++, OpenGL, SQL, Networking (TCP/UDP), MATLAB
- Tools: Version Control – Git, Jira, Confluence, Visual Studio Code

# 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