



## 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, 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