NITESH KHATIWADA

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Experience

Sep. 2021 – present	**Advanced Physics Labs Teaching Assistant**	Jacobs University Bremen

❱ Supervision of laboratory experiments focused on renewable energy resources.

June – August 2021	**Quantum Cellular Automata for Quantum Computation**	Jacobs University Bremen

❱ Literature Research, Documentation, State of the art in Quantum Computing, and Organizational Tasks

Feb. – May 2021	**Software Development in Logistics and Mobility of Goods**	Jacobs University Bremen

❱ Development of a web-based application for the goods flow from Production to Retailer using Django Framework and Javascript

Education

since August 2019	**BSc. Physics · Minor in Computer Science**	Jacobs University Bremen

❱ Relevant Coursework: Quantum Mechanics, Condensed Matter Physics, Statistical Physics, Advanced Physics Labs, Mathematical Physics, Software Engineering, Machine Learning, Algorithms and Data Structures, Numerical Methods

Tech and Skills

❱ Python: Proficient · · Scientific Packages and different Frameworks
❱ Linux: Proficient · · Cronjob · Bash Script · Vim · i3 · Ubuntu · Arch
❱ L^AT_EX ❱ GitHub ❱ MySQL ❱ MATLAB ❱ C/C++ ❱ JavaScript ❱ HTML5/CSS3

Languages

❱ English: Professional Proficiency ❱ German: B1 · Fluent in Speaking

Clubs and Activities

Sep. 2021 - present	**Planetarium for High School Students**	Bremen

❱ Engage high school students from local community in study of Astrophysics and organize visits to planetariums.
❱ Developed an interactive android application to list the celestial objects in the sky in real time based on the position and the angle made by the smartphone

since 2020	**Mathematical and Theoretical Physics Seminar**	Jacobs University Bremen

❱ Active member with ongoing project; organized for advanced undergraduate/graduate students and researchers with interest in the field

since 2019	**Physics Society**	Jacobs University Bremen

❱ Being engaged in workshops, talks, and general discussion with Physics enthusiasts.

Bremen, 24. November 2021