

# Faizan Zafar

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## WORK EXPERIENCE

<b>Product Manager Intern</b> <i>Celonis</i> <ul style="list-style-type: none"><li>• Configure and prioritize product roadmap based on the evaluation of customer needs, market research, and technical feasibility</li><li>• Derive, visualize, and monitor KPIs in order to assess and improve product engagement and user experience</li><li>• Drive customers' migration to the citizen development platform: <i>Celonis Studio</i> resulting in +26% in daily active users</li></ul>	Mar. 2021 – Present <i>Munich, DE</i>
<b>Graduate Research Assistant</b> <i>Cybernetics Lab @ RWTH</i> <ul style="list-style-type: none"><li>• Developed and statistically analysed technology acceptance frameworks in the contexts of e-commerce and care work</li><li>• Designed fine-grained classification and clustering models on e-commerce and healthcare data</li></ul>	Oct. 2019 – Mar. 2021 <i>Aachen, DE</i>
<b>Associate Software Engineer</b> <i>CureMD Healthcare</i> <ul style="list-style-type: none"><li>• Front-end development of the scheduling &amp; appointment management module of the <i>CureMD</i> web application</li><li>• Extracted and processed customer data for visualization and reporting</li></ul>	Sep. 2018 – Mar. 2019 <i>Lahore, PK</i>
<b>Research Intern</b> <i>Speech and Language Technology Research Group @ NUST</i> <ul style="list-style-type: none"><li>• Implemented predictive modelling techniques on clinical data of patients exhibiting diabetes symptoms</li><li>• Conducted data analysis and generated visualizations on the <i>PIMA</i> dataset</li></ul>	Sep. 2017 – May 2018 <i>Islamabad, PK</i>
<b>Software Developer Intern</b> <i>Centre for Economic Research in Pakistan</i> <ul style="list-style-type: none"><li>• Developed a prototype of a Management Information System (MIS) targeted for low-cost private schools</li><li>• Documented functional requirements and specifications of the MIS</li></ul>	Jul. 2017 – Sep. 2017 <i>Lahore, PK</i>
<b>Intern</b> <i>InveGix Technologies</i> <ul style="list-style-type: none"><li>• Built and deployed the company's news blog</li><li>• Drafted test cases and user guides for the <i>StarCode</i> POS &amp; Inventory application</li></ul>	Jun. 2016 – Aug. 2016 <i>Islamabad, PK</i>

## EDUCATION

<b>RWTH Aachen University</b> <i>Master of Science in Data Science (with coursework)</i>	Aachen, DE Apr. 2019 – Sep. 2021
<b>National University of Sciences and Technology (NUST)</b> <i>Bachelor of Engineering in Software Engineering</i>	Islamabad, PK Sep. 2014 – Jun 2018

## PROJECTS

<b>Factors influencing the intention of caregivers to use digital technologies in outpatient care</b> <ul style="list-style-type: none"><li>• Developed a framework that outlines the factors influencing the intention of caregivers to use digital technologies in outpatient care</li></ul>	Mar. 2021 – Oct. 2021
<b>Seminar: Selected Topics in Process Mining</b>   <i>PM4PY, ProM</i> <ul style="list-style-type: none"><li>• Prepared a Term Paper and presented a Tool Demonstration on <i>Removing Implicit Places Using Regions for Process Discovery</i></li></ul>	Oct. 2020 – Feb. 2021
<b>A Python Extension to Simulate Petri nets in Process Mining</b>   <i>PM4PY, SimPy</i> <ul style="list-style-type: none"><li>• Programmed a tool which uses an event log to directly generate a simulated event log and modify event duration &amp; arrival rate</li></ul>	Apr. 2020 – Aug. 2020
<b>Predictive Analytics in Healthcare for Diabetes Prediction</b>   <i>Scikit-learn, TensorFlow</i> <ul style="list-style-type: none"><li>• Developed an application which computes the probability of occurrence of diabetes based on specified clinical indicators</li><li>• Produced visualizations for analytics derived from patients' electronic health records</li></ul>	Sep. 2017 – May. 2018

## TECHNICAL SKILLS

**BI/Analytics Tools:** PowerBI, Qlik Sense, Tableau, Salesforce, SPSS, SmartPLS, RapidMiner, Jupyter  
**Programming:** Python, R, SQL, PQL, NumPy, Pandas, Seaborn, SciPy  
**Developer Tools:** Git, Jira, VSCode, PyCharm, RStudio  
**Productivity Tools:** L<sup>A</sup>T<sub>E</sub>X, Office 365, Google Workspace, Monday.com, Visio, Photoshop, WordPress

## EXTRACURRICULAR ACTIVITIES

**Analyst @ TechLabs 2021:** Worked on time series analysis of distribution strategies of Covid-19 vaccines in Germany  
**Participant @ Innovation Days 2020:** Project ideation to improve daily activities of people with special needs through innovative systems

## LANGUAGE SKILLS

**English:** C2 – Advanced Proficiency  
**German:** B1 – Intermediate Proficiency  
**Urdu:** Native