

# Faizan Zafar

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## WORK EXPERIENCE

<b>Product Manager Intern</b> <i>Celonis</i>	Mar. 2021 – Present Munich, DE
<ul style="list-style-type: none"><li>• Configure and steer 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>	
<b>Graduate Research Assistant</b> <i>Cybernetics Lab @ RWTH</i>	Oct. 2019 – Mar. 2021 Aachen, DE
<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>	
<b>Associate Software Engineer</b> <i>CureMD Healthcare</i>	Sep. 2018 – Mar. 2019 Lahore, PK
<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>	
<b>Research Intern</b> <i>Speech and Language Technology Research Group @ NUST</i>	Sep. 2017 – May 2018 Islamabad, PK
<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>	
<b>Software Developer Intern</b> <i>Centre for Economic Research in Pakistan</i>	Jul. 2017 – Sep. 2017 Lahore, PK
<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>	
<b>Intern</b> <i>InveGix Technologies</i>	Jun. 2016 – Aug. 2016 Islamabad, PK
<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>	

## EDUCATION

<b>RWTH Aachen University</b> <i>M.Sc. Data Science (on hold)</i>	Aachen, DE Apr. 2019 – Mar. 2021
<b>National University of Sciences and Technology (NUST)</b> <i>B.Eng. in Software Engineering (completed)</i>	Islamabad, PK Sep. 2014 – Jun 2018

## PROJECTS

<b>Factors influencing the intention of caregivers to use digital technologies in outpatient care</b>	Mar. 2021 – Oct. 2021
<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>	
<b>Seminar: Selected Topics in Process Mining   PM4PY, ProM</b>	Oct. 2020 – Feb. 2021
<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>	
<b>A Python Extension to Simulate Petri nets in Process Mining   PM4PY, SimPy</b>	Apr. 2020 – Aug. 2020
<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>	
<b>Predictive Analytics in Healthcare for Diabetes Prediction   Scikit-learn, TensorFlow</b>	Sep. 2017 – May. 2018
<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>	

## TECHNICAL SKILLS

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

## EXTRACURRICULAR ACTIVITIES

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

## LANGUAGE SKILLS

<b>English:</b>	C2 – Advanced Proficiency
<b>German:</b>	B1 – Intermediate Proficiency
<b>Urdu:</b>	Native