Faizan Zafar

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WORK EXPERIENCE

Product Manager Intern　　　　　　　　　　　　　　　　　　　　　　　Mar. 2021 – Present
Celonis　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Munich, DE*
- Configure and steer product roadmap based on the evaluation of customer needs, market research, and technical feasibility
- Derive, visualize, and monitor KPIs in order to assess and improve product engagement and user experience
- Drive customers' migration to the citizen development platform: *Celonis Studio* resulting in +26% in daily active users

Graduate Research Assistant　　　　　　　　　　　　　　　　　　　Oct. 2019 – Mar. 2021
Cybernetics Lab @ RWTH　　　　　　　　　　　　　　　　　　　　　*Aachen, DE*
- Developed and statistically analysed technology acceptance frameworks in the contexts of e-commerce and care work
- Designed fine-grained classification and clustering models on e-commerce and healthcare data

Associate Software Engineer　　　　　　　　　　　　　　　　　　　Sep. 2018 – Mar. 2019
CureMD Healthcare　　　　　　　　　　　　　　　　　　　　　　　*Lahore, PK*
- Front-end development of the scheduling & appointment management module of the *CureMD* web application
- Extracted and processed customer data for visualization and reporting

Research Intern　　　　　　　　　　　　　　　　　　　　　　　　Sep. 2017 – May 2018
Speech and Language Technology Research Group @ NUST　　　　　　　　*Islamabad, PK*
- Implemented predictive modelling techniques on clinical data of patients exhibiting diabetes symptoms
- Conducted data analysis and generated visualizations on the *PIMA* dataset

Software Developer Intern　　　　　　　　　　　　　　　　　　　Jul. 2017 – Sep. 2017
Centre for Economic Research in Pakistan　　　　　　　　　　　　　　*Lahore, PK*
- Developed a prototype of a Management Information System (MIS) targeted for low-cost private schools
- Documented functional requirements and specifications of the MIS

Intern　　　　　　　　　　　　　　　　　　　　　　　　　　　Jun. 2016 – Aug. 2016
InveGix Technologies　　　　　　　　　　　　　　　　　　　　　　*Islamabad, PK*
- Built and deployed the company's news blog
- Drafted test cases and user guides for the *StarCode* POS & Inventory application

EDUCATION

RWTH Aachen University　　　　　　　　　　　　　　　　　　　　Aachen, DE
Master of Science in Data Science　　　　　　　　　　　　　　　　　*Apr. 2019 – on hold*

National University of Sciences and Technology (NUST)　　　　　　　Islamabad, PK
Bachelor of Engineering in Software Engineering　　　　　　　　　　　*Sep. 2014 – Jun 2018*

PROJECTS

Factors influencing the intention of caregivers to use digital technologies in outpatient care　　Mar. 2021 – Oct. 2021
- Developed a framework that outlines the factors influencing the intention of caregivers to use digital technologies in outpatient care

Seminar: Selected Topics in Process Mining | *PM4PY, ProM*　　　　　　　Oct. 2020 – Feb. 2021
- Prepared a Term Paper and presented a Tool Demonstration on *Removing Implicit Places Using Regions for Process Discovery*

A Python Extension to Simulate Petri nets in Process Mining | *PM4PY, SimPy*　　Apr. 2020 – Aug. 2020
- Programmed a tool which uses an event log to directly generate a simulated event log and modify event duration & arrival rate

Predictive Analytics in Healthcare for Diabetes Prediction | *Scikit-learn, TensorFlow*　　Sep. 2017 – May. 2018
- Developed an application which computes the probability of occurrence of diabetes based on specified clinical indicators
- Produced visualizations for analytics derived from patients' electronic health records

TECHNICAL SKILLS

BI/Analytics Tools: PowerBI, Tableau, Salesforce, SPSS, SmartPLS, RapidMiner, Jupyter
Programming:　　　Python, R, SQL, PQL, NumPy, Pandas, Seaborn, SciPy
Developer Tools:　　Git, Jira, VSCode, PyCharm, RStudio
Productivity Tools: LaTeX, Office 365, Google Workspace, Monday.com, Visio, Photoshop, Confluence

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