Rareș-Christian Burdea

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PROGRAMMING

proficient
- Python
(pandas, tensorflow, scikit)
- Java

basic
- SQL
- JavaScript, HTML5, CSS3
- Node.js & Django
- AMPL
- Microsoft SharePoint 2016
- Microsoft PowerBI
- Microsoft Azure

CERTIFICATIONS

Microsoft certified
- Azure AI Engineer Associate
- Azure Data Scientist Associate
- Azure AI Fundamentals
- Azure Data Fundamentals
- Azure Fundamentals

PROJECTS

A collection of research and private projects can be accessed under cburdea.github.io

LANGUAGES

proficient
- German
- English

fluent
- Romanian

AWARDS

- PROMOS-scholarship in 2019
Selected due to academic performance
Sponsor: Deutscher Akademischer Austauschdienst

- National scholarship in 2016 (Deutschlandstipendium)
Selected due to academic performance
Sponsor: Opitz Consulting

- National scholarship in 2015 (Deutschlandstipendium)
Selected due to academic performance
Sponsor: Sparkasse Dortmund

EXPERIENCE

BCG Platinion - Visiting Associate - IT-Strategy Consulting
10/2020 – 12/2020 | Munich, Germany
- Developed a cloud-focused IT-strategy and for a major German energy producer to tackle challenges related to merger activities

Microsoft - Intern - Customer Success
04/2020 – 09/2020 | Munich, Germany
- Worked on a new strategy to increase cloud adoption among Microsoft`s non-strategic customers in Germany. The development process focused on research over trending Azure use cases and their deployment
- Coordinated a team of 6 people and took ownership of processes and deliveries that affect ~60 Customer Success Account Managers

Lufthansa - University Project - Crew Optimization
10/2019 – 02/2020 | Berlin, Germany
- Developed a prototype to streamline the crew-pairing process, able to make predictions about future flight routes based on a neural network with Keras and a dataset with over 200.000+ instances from company sources. Prototype is accessible by APIs and a dashboard using Django

Volkswagen Group Japan - Intern - IT Services
03/2018 – 09/2018 | Toyohashi, Japan
- Managed and participated in a team of 4 interns over the development of a mobility service app mock-up including a presentation in front of the Japanese executive board level
- Customized the Japanese company intranet to simplify finance processes. Held meetings with several departments and implemented the findings using HTML5, CSS3, and JavaScript

Porsche - Intern & Thesis - Business Admin. & IT-Management
03/2017 – 02/2018 | Leipzig, Germany
- Designed and optimized company-wide processes for an upcoming quality assurance software using EPCs
- Completed my bachelor's thesis over the implementation of the new General Data Protection Regulation at Porsche´s factory in Leipzig
- Analyzed internal processes about the usage of customer and employee data and described countermeasures to the data protection officer

Materna - Undergraduate employee - Applications & Portals
07/2016 – 12/2016 | Dortmund, Germany
- Simplified Jenkins continuous integration for the Scrum process by setting up web services in C# using SOAP APIs

EDUCATION

Free University of Berlin - M.Sc. in Business Information Systems
08/2018 – 07/2021 | Focus: Operations Research | Grade: 1.4 (GPA: 3.6)

Chinese University of Hong Kong - M.Sc. Exchange Semester
08/2019 – 01/2020 | Focus: AI & Operations Research | Grade: n/a

Dortmund University of Applied Sciences & Arts - B.Sc. in Business Information Systems
09/2014 – 03/2018 | Focus: Business Processes | Grade: 1.3 (GPA: 3.7)