DIMITRI BURYAK

PROCESS ENGINEER

TECHNICAL WORK HISTORY

TRAINEE AT A PLANT DESIGNING COMPANY
VTU Engineering, Comos Team | since 08/2023

Researching, creating and teaching workflows and tools for designing plans (german and english); Intens work with the COMOS software (data base for plant design); P&ID Redmaster Creation

THERMAL ENGINEER AT A STUDENT START-UP
Team Tumbleweed | 05/2021 - 11/2023

Building and testing a wind driven Mars rover prototype. The prototype is now in the Vienna Technical Museum.
Gathering and processing measurement data from the tests.
Simulation of rover's thermal conditions on Mars using Python and presentation of findings at the IAC2023 in Baku (Space Congress)

SUMMER INTERN IN A PHARMA GROUP
Boehringer Ingelheim, Pure media und HVAC | 07/2022 - 08/2022

Checking of P&IDs, Automatisation of tasks using VBA

MEASUREMENT TECHNICIAN
TBB Bauer & Bauer GmbH | 08/2021 - 09/2021 und 02/2023

Clean room qualification at Octapharma according to ISO 16890

SUMMER INTERN IN A SOFTWARE COMPANY
LieberLieber Software GmbH | 07/2014 - 08/2014

Working with Raspberry Pi, Python, C# and Bash. Built own game.

SOCIAL WORK HISTORY

SOCIAL CARE WORKER AT A HOMELESS SHELTER
Vienna Red Cross, Chancenhaus Hermes | since 09/2019

Deescalation of conflicts, execution of house rules
Working in teams of 3 and in shifts
Working with ambulance, police and other organisations
Relationship work with clients

CIVIL SERVANT IN A HOMELESS SHELTER
Vienna Red Cross, Chancenhaus Hermes | 12/2018 - 08/2019

EDUCATION

VIENNA UNIVERSITY OF TECHNOLOGY
Process engineerig and sustainable production, since 10/2019

Finished bachelors in 08/2023
Currently pursuing masters degree with a focus on apparatus and plant engineering, design and simulation of sustainable energy plants and fluid mechanics

SIR KARL POPPER SCHULE
High School, Graduated in 2018 with honors

CONTACT INFORMATION

Phone number: +43681/81961226
E-mail: buryakdimitri@gmail.com
Medwedweg 11 Top 1.17, 1110 Vienna
Date of birth: 15.01.2001
Citizenship: Austria

SOFTWARE

MS Word, Excel, Powerpoint, Visio
Programming languages: Python, VBA, C#, Bash, LaTeX
CAD: Creo Fusion 360, Catia V5
CFD: Fluent + Gambit, OpenFOAM
COMOS (Data base for chemical plant design)
Adobe Premiere Pro, Photoshop

LANGUAGES

Fluent
German, Englisch (IELTS 7.5 oder C1), Russian (at home)

Basics
Italian, French,

HOBBYS

Music
Mandolin, Piano, Choir (Vienna Youth Choir)
Soloartist: Sedafoxx
Production of music, music videos, podcasts
Planning of concert shows

Games
Chess, Poker