

MUSTEHSAN FAZAL

Mustehsan@live.nl
+31 6 85495403
Mustehsanfazal.com

EDUCATION

Maastricht University – School of Business and Economics

Bachelor of Science, Econometrics and Operations Research

Maastricht, The Netherlands

Expected June 2025

- Relevant course work: (Bayesian) statistics, Probability Theory, Game Theory, Optimization, Programming and Advanced Algorithms

Zuyd University – Faculty of Engineering

Bachelor of Science, Engineering

Heerlen, The Netherlands

2019 - 2021

- Specialization: Industrial Engineering
 - Relevant course work: Supply Chain Management, ERP and Business Intelligence Systems
-

EXPERIENCE

APG

Senior Survivor's Pension Analyst

Heerlen, The Netherlands

October 2024 – Present

- Conducted **in-depth analysis** and validation of survivor benefit claims to assess entitlement for beneficiaries of deceased pension holders, ensuring compliance with internal policies and **legal frameworks**
- Drafted and **issued official correspondence**, including requests for additional documentation and final determination letters, detailing next steps and procedures for benefit disbursement.
- Spearheaded the **streamlining** of benefit claim workflows, ensuring accuracy and regulatory adherence
- Provided **expert guidance and support** to beneficiaries and internal employees by addressing diverse inquiries related to pension claims and processes, ensuring clarity and resolution in alignment with organizational standards

SABIC

Sabic Shipping Optimization Project

Maastricht, The Netherlands

March 2024 – July 2024

- Used a **Genetic Algorithm (GA)** to solve this Capacitated Vehicle Routing Problem with Time Windows (CVRVPTW) and Multi-Compartment VRP (MCVRP) in order to **reduce costs of 21%** from conventional methods
- Consulted Sabic on **heuristic and meta-heuristic** methods of optimizing the shipping plan. Presented a **business summary** and technical implementation
- Made various tools and documentation for future usage by SABIC and implemented current solutions in **Java and Python**

Software Developer

Freelance and as a method to learn new skills

Heerlen, The Netherlands

September 2018 – present

- Developed responsive applications using JavaScript, React and Node.js
 - Utilized Python for data analysis and Julia and R for forecasting time-series data and interpreting results and much more
-

SKILLS

Technical skills:

- **advanced statistical and econometric techniques**, including time series analysis, forecasting and multivariate modeling
- Proficiency in **optimization methods and operations research**, encompassing linear and non-linear programming, and supply chain optimization
- Expertise in **data science** and **machine learning**, including big data analysis, data mining, and predictive modeling
- Developed **critical thinking** and **problem-solving abilities**, with experience in applying theoretical concepts to real-world economic and business challenges

Programming Languages:

JavaScript (Full stack development with React and Node.js), **SQL**, **R** (Econometrics), **Julia** (Econometrics), **Java** (Operations Research implementations), **Machine Learning** (Python with TensorFlow and Keras), **git**, **LaTeX**

Relevant languages:

- Dutch (fluent)
- English (fluent, **Advanced English**, TOEFL, 111/120)