

# NASIM HOFSET MALIK

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## PROFILE

Finance candidate with experience in quantitative analysis, data-driven finance, and modelling using Python and R. I have built equity analysis tools, predictive models, and conducted portfolio analysis. Legal background from the University of Portsmouth, England.

## PROJECTS

### NAS.OL – Performance & Valuation Analysis

Python

- Pulls live market data and calculates cumulative return, 21-day volatility, 252-day Sharpe ratio (rf=4%), RSI, and maximum drawdown.
- Full valuation (P/E, P/B, EV/EBITDA, FCF yield, ROIC) with benchmarking against Ryanair, IAG, Wizz Air, easyJet, and Damodaran's sector data.
- Key finding: strong turnaround post-2021, but trades at a discount to peers due to debt and fleet investment commitments. 16-page report at nasim.no.

### VT vs. 60/40 – Portfolio Analysis

R

- Compares VT against SPY/BND (60/40) across three rebalancing strategies over 10 years; calculates return, volatility, Sharpe ratio, and maximum drawdown.

### Credit Default Prediction – Logistic Regression vs. LDA

R

- Classification models for customer default; at threshold = 0.1, captured 72% of defaulters with a predicted default rate of ~8%.

## EDUCATION

### Handelshøyskolen BI, Oslo

Aug. 2022 – Jun. 2026

#### BSc Finance · Specialisation: Data-Driven Finance & Technology

Courses: Machine Learning for Business · Programming & Data Visualization · Data Structures & Algorithms · Intro to Quantitative Finance

### University of Portsmouth, England

Aug. 2018 – Jun. 2021

Bachelor of Arts in Law.

## TECHNICAL SKILLS

Languages	Python, R
Libraries	pandas, yfinance, quantmod, PerformanceAnalytics, ggplot2
Other	HTML/CSS, Excel, Word, PowerPoint, Linux
Certifications	Harvard CS50: Python (Jun. 2026) · Microsoft Power BI Data Analyst (2026) · Bloomberg Certification (July 2026)

## EXPERIENCE

### Barnas Hus – Oslo – Sales Associate

Aug. 2024 – Jun. 2026

- Customer service, order processing, and complaints handling in a high-paced retail environment.

### NDC Oslo – Volunteer

May 2025

- Volunteered at Norway's largest technology conference; gained insight into the Norwegian tech industry.

### Iglo Mano – Ålesund – Stevedore

Aug. 2019 – Jul. 2024

- Coordinated cargo loading and unloading operations under time-critical and physically demanding conditions.

## LANGUAGES

Norwegian (native) · English (fluent, academic)