

# Sama Khajooei

Digital Finance Analyst (Working Student)

MSc Economics | Finance Digitalization · Reporting · Analytics

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in sama-khajooei



## ABOUT ME

MSc Economics student at the University of Hamburg with hands-on experience in Digital Finance, reporting, and analytics in a global corporate environment. Currently working as a Digital Finance Analyst (Working Student) at Siemens Gamesa, supporting finance teams in data transparency, reporting, and digital tool adoption. Seeking an entry-level role in digital finance, business analytics, or finance transformation after graduation.

## WORK EXPERIENCE

### Siemens Gamesa Renewable Energy

*Digital Finance Working Student*

**Hamburg, Germany**

*May 2025 – Present*

- Supported digitalization efforts by working with internal teams to identify where new digital platforms could replace slower or manual ways of working in finance-related processes.
- Translated these digital changes into concrete learning materials and visual content that explain how platforms are used and how colleagues can migrate to them step by step.
- Strengthened internal awareness and adoption of digital solutions by distributing and positioning this content through internal communication channels, helping build a shared understanding across teams.

### University of Hamburg

*Student Assistant at the Student Office*

**Hamburg, Germany**

*May 2023 – April 2025*

- Managed daily administrative tasks by maintaining student records, processing documents, and responding to student inquiries using MS Office tools.
- Assisted in coordinating internal workflows and ensured accurate handling of academic records.

### Arzeshmobin Farda Company

*Junior Financial Analyst*

**Neyshaboor, Iran**

*October 2020 – October 2021*

- Prepared and reviewed basic financial reports and account balances using accounting software and spreadsheets, contributing to accurate financial documentation.
- Conducted introductory training sessions on Iran's domestic financial market for new clients, explaining key concepts in a clear and structured manner.

### Asa 365 Company

*Internship*

**Mashhad, Iran**

*May 2020 – September 2020*

- Assisted the financial analysis team by gathering and organizing financial data for review.
- Supported the preparation of financial reports and presentations for internal stakeholders.

## ACADEMIC EDUCATION

### University of Hamburg

*M.Sc. Economics*

**Hamburg, Germany**

*October 2022 – April 2026 (expected)*

Thesis: The Influence of Framing Effects on Willingness to Pay and Policy Support: Evidence from an Experiment on Microplastic Pollution (working title)

## **SKILLS**

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**Data & Analytics:** Power BI, Excel, Alteryx, Tableau, SQL, Python.

**Econometrics & Methods:** Econometrics and statistical analysis (Stata, EViews), Experimental Design, Regression Analysis, Machine Learning.

**Reporting & Finance Digitalization:** Reporting support, dashboarding, data quality checks, documentation for process/tool adoption.

**Collaboration & Communication:** Stakeholder communication, Cross-team collaboration, Clear documentation and internal knowledge sharing, Presenting insights to non-technical audiences.

**Content Enablement & Documentation:** PowerPoint, LaTeX, AI-assisted tools (ChatGPT, Microsoft Copilot, Canva, Clipchamp, HeyGen, etc.).

## **LANGUAGES**

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**English:** C1

**German:** A2

**Persian:** Native

## **CERTIFICATIONS**

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**GRE:** Verbal Reasoning: 166, Quantitative Reasoning: 163, Analytical Writing: 4.0

## **PROJECTS**

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### **Digital Finance Enablement & Learning Materials:**

As part of a digital finance enablement initiative, I designed and consolidated learning and onboarding materials to support the adoption of new digital platforms and reporting approaches within finance teams. This included creating structured documentation and visual explanations using tools such as OneNote, Miro, and PowerPoint, as well as developing short learning videos with AI-assisted tools to make complex topics easier to understand. The project supported consistent knowledge transfer, onboarding of new team members, and improved accessibility of digital finance tools for non-technical stakeholders.

### **Default Prediction of Bank Clients Using Machine Learning:**

I worked on a data-driven project to predict the probability of default of bank clients using historical payment and demographic data. The project involved data cleaning, feature preparation, and training binary classification models in Python to evaluate default risk. The results were analyzed and visualized to support interpretation of model performance and potential use in financial decision-making.

### **The Fiscal Cost of Hurricanes: A Propensity Score Matching Approach:**

I conducted an applied econometric analysis to estimate the causal impact of hurricanes on local economic outcomes in the United States using Propensity Score Matching. The analysis was implemented in Stata and included matching procedures, balance checks, and treatment effect estimation based on Deryugina (2017). The project examined how federal disaster relief mitigates economic losses, with a focus on net earnings per capita and fiscal impacts.