

# Yingping Ma

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## EDUCATION

<b>Stockholm University</b> <i>Master of Science in Computer and Systems Sciences (Specialization: Information Security)</i>	Stockholm, Sweden Aug. 2023 – Jun. 2025
<b>Nanjing University of Science and Technology</b> <i>Bachelor of Economics and Management, Major in Accounting, Minor in Software Engineering</i>	Nanjing, Jiangsu, China Sep. 2018 – Jun. 2022

## EXPERIENCE

<b>Back-end Developer Intern</b> <i>A&amp;E Labs OÜ</i>	Dec 2024 – Present Sweden
<ul style="list-style-type: none"><li>Built and maintained serverless backends with Firebase (Firestore, Auth)</li><li>Developed APIs using Cloud Functions and JavaScript</li><li>Integrated React.js components with backend services</li><li>Refactored Firestore connections in frontend components, migrating to Cloud Functions to enhance security and scalability</li><li>Deployed and optimized apps on Firebase Hosting</li></ul>	
<b>Data Operations Intern</b> <i>Yuwell Global</i>	Mar. 2022 – Apr. 2022 Nanjing, Jiangsu, China
<ul style="list-style-type: none"><li>Analyzed customer data and performed variance analysis to identify key trends, providing actionable recommendations to improve marketing strategies</li><li>Developed standardized reports and dashboards using Excel and Tableau</li><li>Collaborated with the data science team on financial forecasting and modeling</li><li>Presented findings to management and stakeholders through clear presentations and data visualizations</li><li>Identified issues and introduced solutions to improve data accuracy</li></ul>	
<b>Financial Analyst Intern</b> <i>Prudential Hong Kong</i>	Jun. 2019 – Jul. 2019 HONG KONG SAR, China
<ul style="list-style-type: none"><li>Gained practical knowledge of Hong Kong's financial systems, including governance, compliance, financial markets, and operations</li><li>Collected, validated, and transformed data from multiple sources, conducting quantitative analysis to generate reports</li><li>Conducted market research, data mining, business intelligence, and valuation analysis</li></ul>	

## PROJECTS

<b>Facial Recognition System</b>   <i>Python, PCA, SVM, KNN, Harvard Face Dataset</i>	Sep. 2023 – Dec. 2023
<ul style="list-style-type: none"><li>Preprocessed face images by converting to grayscale and normalizing size</li><li>Applied PCA for feature extraction and dimensionality reduction</li><li>Trained classifiers using SVM and KNN for face recognition</li><li>Optimized model performance through cross-validation and achieved high accuracy</li></ul>	

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, TypeScript, SQL (Postgres, MySQL), HTML/CSS  
**Frameworks:** React, Angular, Node.js, Flask, FastAPI, Firebase, Material-UI, Bootstrap  
**Tools:** Git, Docker, Kubernetes, Jenkins, GitHub, Google Cloud Platform (GCP), AWS, VS Code  
**Libraries:** pandas, NumPy, Matplotlib, Seaborn, Plotly, Lodash, Axios