

# Andre Klein

Computing Systems, Machine Learning, Business Analytics @ GA Tech | Investor



## About

I'm a software engineer with a passion for ML and HPC, viewing AI as a shift from manual computation toward higher-level problem solving. Outside of work, I enjoy flamenco guitar and investing.

## Personal

Nationality: US Citizen

## Areas

ML/AI • Analytics/Data Science • CUDA • High Performance Computing • Natural Language

## Skills

spaCy, PySpark, SQLite, MySQL, PostgreSQL, Scikit-Learn, Pandas, NumPy, Numba, PyTorch, Triton Lang, LLVM, CUDA, PyCUDA, HTTP, D3, PowerShell, MATLAB, VBA, ACADE, WPF, Putty, Mininet, Pycharm, LaTeX, AWS, GCP, Azure, Flask, OpenCV

## Grad Courses

HPC Architecture, Probabilistic Models, Business Analytics, High Dimensional Analytics, Digital Marketing, Optimization, Deep Learning, Financial Modeling, Visual Analytics, GPU Programming, AI for Robotics, Natural Language, Software Analysis, Network Science, Algorithms, Software Architecture, Database Systems, Machine Learning, ML for Trading, Computer Networks

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GitHub

LinkedIn

+1-414-737-1235

Personal Website

## SHORT RESUMÉ

2025–Present

### Co-Founder, Board Member, and Partner

KHATIB GROUP LLC · Miami, FL

Working alongside experienced partners and scaled into a passive partnership. Part of an 8-figure real estate investment firm, leveraging quantitative market analysis and strategic forecasting to optimize a luxury South Florida portfolio.



2025–2025

### Anomaly Detection (Practicum)

STIBO SYSTEMS · Aarhus, Denmark

Anomaly Detection using K-Means, DBSCAN, Z-Score, Isolation Forest, Natural Language Techniques (Named-Entity Recognition, Zero-shot learning/classification, dependency parsing, summarization)



2019–2025

### Palliative Home Care Manager

WI DHS · Franklin, WI

Critical care for a patient in a home setting, including wound care, dysphagia management, handling oxygen/nebulizer equipment, infection/vitals monitoring, pressure injury prevention, and daily charting.



2018–2021

### Firmware Development Engineer II

ROCKWELL AUTOMATION · Mequon, WI

Developed firmware testing solutions for electric drives in Linux, Python, and C# while working in a CI/CD pipeline.



2018–2018

### Kernel Developer (Intern)

WOLFRAM RESEARCH · Champaign, IL

Backend developer for computational geometry tools.



2017–2018

### Software Test Engineer

GE HEALTHCARE · Wauwatosa, WI

Developed software tests for EKG algorithms per ISO standards.



2013–2013

### Control Systems Engineer

DEMATIC CORP · New Berlin, WI

Control panel design using ACADE.



## DEGREES

2026

### Computer Science

M.S. · Georgia Tech

4.00/4.00



2025

### Business Analytics

M.S. · Georgia Tech

4.00/4.00



2015

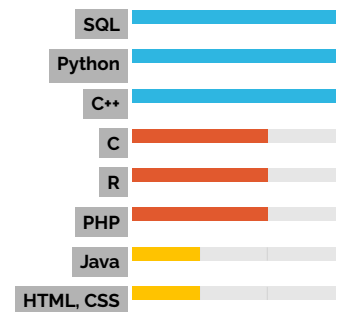
### Electrical Engineering

B.S. · UW-Milwaukee

3.97/4.00



## PROGRAMMING



## LANGUAGES

English | ● ● ● ●  
Arabic | ● ● ● ●

## CERTIFICATES

2019 Lean Six Sigma Yellow Belt