

EMIL WESTLING

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EDUCATION

DUKE UNIVERSITY, The Fuqua School of Business <i>Master of Science in Quantitative Management: Business Analytics – GPA 3.9</i> Coursework: Data Science for Business, Decision Analytics & Modeling, Deep Learning, Data Visualization	Durham, NC May 2025
FURMAN UNIVERSITY <i>Bachelor of Science, Applied Mathematics, Double Major: Computer Science – GPA 3.9</i> Athletics Scholarship, Mathematics Scholarship, Phi Beta Kappa, Dean's List (all semesters), Post Graduate SoCon Scholarship.	Greenville, SC May 2024

EXPERIENCE

MORGAN STANLEY <i>Summer Analyst</i> <ul style="list-style-type: none">Spearheaded a new client outreach system for 400+ clients, strengthening client relationships and facilitating client management.Researched potential clients and drafted pitch decks for prospects. Helped acquire a \$1M+ client.Analyzed and pitched two to three investment products and funds weekly, resulting in one fund integrated into group's model portfolios. Presented to 50+ executives.	Atlanta, GA Jun – Aug 2023
CRUNCHFISH <i>Software Engineer Intern</i> <ul style="list-style-type: none">Built a Java-based ASN.1 decoder integrated into payment systems, ensuring secure transaction processing.Collected, cleaned, and manipulated image data using Python, driving development of a new hand-tracking machine-learning model.Led and organized biweekly brainstorming sessions with project managers and engineers to identify key challenges and opportunities, directly contributing to deploying a new machine-learning model.	Malmö, Sweden May – Jul 2022

PROJECTS

Lung Cancer Detection (PyTorch) <ul style="list-style-type: none">Developed and trained convolutional neural networks on 3,000+ images to detect lung cancer from CT scans. Achieved 87% accuracy on early-stage cancer and 100% accuracy on late-stage cancer.
harrypotterGPT (PyTorch) <ul style="list-style-type: none">Designed a mini-GPT model with 10M parameters, trained on all Harry Potter books to generate Harry Potter-inspired text.
Algorithmic Trading (TensorFlow) <ul style="list-style-type: none">Trained LSTM model on 15-years of stock price data for each company in the S&P 500 index. Leveraged model to build trading strategy outperforming S&P 500 index 15x.

LEADERSHIP EXPERIENCE

DUKE UNIVERSITY MEN'S TENNIS <i>Graduate Assistant Coach</i> <ul style="list-style-type: none">Coaching NCAA D1 team ranked 14th nationally, focusing on player development and practice plans.Leading data analytics by reporting on player performance with PowerBI dashboards.	Durham, NC Jul 2024 – May 2025
FURMAN UNIVERSITY MEN'S TENNIS <i>Student-Athlete & Team Captain</i> <ul style="list-style-type: none">Completed 25+ hours of practice and matches weekly, achieving a top 60 national ranking.Served as team captain for two years, selected for leadership and program representation.	Greenville, SC Aug 2020 – May 2024

TECHNICAL CAPABILITIES

Programming: Python, R, SQL, Java. **Tools:** Advanced Excel, Tableau.

ADDITIONAL INFORMATION

Languages: English (Fluent), Swedish (Fluent), German (Basic).