

Jack Yerkes

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EDUCATION

University of Michigan

Bachelor of Science in Computer Science

Ann Arbor, MI

Aug. 2021 – May 2025

CERTIFICATIONS

Financial Modeling & Valuation Analyst (FMVA), CFI

Expected August 2025

Gaining expertise in financial modeling, forecasting, Excel, budgeting, and valuation techniques.

Capital Markets & Securities Analyst (CMSA), CFI

July 2025

Completed coursework covering capital markets, fixed income, equities, derivatives, and analytical frameworks.

EXPERIENCE

Strategy & Finance Intern

May 2023 – Jul. 2023

Eindom

Copenhagen, DK

- Generated financial projections for Monthly Recurring Revenue (MRR), which the company incorporated into their pitch deck for the subsequent investment round
- Benchmarked competitor pricing and revenue models to evaluate Eindom's subscription tiers and support investor discussions around customer lifetime value
- Designed and executed a targeted outreach initiative, collaborating with over 200 Danish realtors to establish mutually beneficial referral relationships
- Led a guerrilla marketing campaign to enhance brand awareness and promote the company effectively

Junior Investment Analyst

Jun. 2022 – Aug. 2022

ID Fund

Boca Raton, FL

- Produced comprehensive investment update reports to apprise clients of the fund's \$150+ million portfolio status and highlight recent developments
- Spearheaded the centralization of client data across multiple platforms, enhancing data accessibility and streamlining operations
- Conducted in-depth research on potential investment opportunities, evaluating market share, key personnel, industry dynamics, growth prospects, and risk factors
- Created an internal scorecard framework to standardize investment evaluations across analysts

PROJECTS

Equity Backtesting Tool

- Designed a web-based stock screening and backtesting platform enabling users to input custom financial formulas (e.g., $P/E < 15$ & $NetAssets > X$) to identify undervalued equities
- Implemented historical criteria matching with SQLite and Alpha Vantage API to generate time-aware results and visualize price charts with signal markers
- Built core logic using Python and Flask, and deployed tool locally

AI Powered Cooking Assistant

- Built an open-source AI-driven recipe assistant using OpenAI API, Flask, and SQLite, allowing users to get meal suggestions based on available ingredients
- Integrated DALL-E 3 to generate realistic dish images and enabled account-based recipe saving
- Designed an intuitive chatbot-style interface with HTML, JavaScript, and RESTful APIs for seamless user interaction

Gro-share-ies (Co-founder)

- Co-founded and launched a mock startup offering rideshare services to grocery stores
- Pitched to J12 Ventures seeking to secure initial funding of \$80,000
- Developed a landing page to validate market interest and test user demand

Social Media Platform

- Developed a Flask-based Instagram clone with server-side rendering, CRUD operations, session-based authentication, and SQL-based data management
- Built a React frontend leveraging AJAX and REST APIs for infinite scroll and dynamic UI updates
- Deployed on AWS EC2 with Gunicorn and Nginx, ensuring scalability, secure data storage, and optimized request handling

TECHNICAL SKILLS

Languages: Python, C++, SQL, R, JavaScript

Tools: Excel, Git, SQLite, Flask, React

Skills: Financial Modeling, Market Research, Data Visualization, Business Strategy