SAMUEL RUBIDGE

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EDUCATION

UNIVERSITY OF WISCONSIN MADISON (BACHELOR'S)   Graduation: Spring 2024
Economics Major (Double Minor in Computer Science & Data Science)   GPA: 3.5
ELGIN COMMUNITY COLLEGE (ASSOCIATE'S)   Graduation: May 2021
Associate's in Arts, Graduated with High Honors

WORK EXPERIENCE

Legacy Financial   Fall 2020 - Fall 2021
Risk Analyst   Chicago, IL
- Provided investment advisors with insight on client portfolio risk levels
- Utilized Riskalyze to model client portfolios across different market scenarios, enabling accurate risk evaluation and customized investment approaches for our clients
- Collaborated closely with investment advisors to ensure an alignment of actual risk with clients' perceived risk tolerance for optimized investment outcomes
- Fostered and maintained client relationships through organized events

Legacy Financial   Spring 2018 - Fall 2020
Investment Advisor Intern   Chicago, IL
- Completed various back-office projects for analyzing financial plans, tracking revenues, and tracking expenses
- Handled a range of CRM processes passed on from senior staff
- Assisted in preparing client events with the firm

ACRS Inc.   Summer 2017
Mechanic Assistant   Addison, IL
- Organized warehouse inventory and assisted in manual mechanic work
- Handled customer communications and part orders

ACTIVITIES & PROJECTS

[Real Estate Acquisition Advisor Project Version 2](#)   Spring 2022 - Present
- Solely developed Python tool for rental investment property acquisitions
- Tool provides financial analytics and models on data provided through web scraping
- Facilitated over $500,000 in high-earning property acquisitions, with a projected $1,000,000 by end of 2024.
- Aggregated and formatted real-time property data, enabling precise profitability predictions for investment decisions.
- Designed features like daily top earner graphs based on cash flow projections, locational mapping of rent comparables, equity projections given different market and hold scenarios and other various customizable inputs.
- Applied Machine Learning for additional insight on rent predictions
- Secured 1/3rd equity stake in current and future acquisitions as compensation for tool usage

[Real Estate Acquisition Advisor Project Version 1](#)   Summer 2021-Spring 2022
- Created property scenario cash flows in Excel to evaluate the long-term profitability
- Used property comps to establish baseline expenses and rental income expectations
- Researched and logged various investment opportunities and rental markets (zip code level appreciation, rental cost levels)

University of California Santa Barbara SB Hacks Hackathon Competition   Fall 2020
- Worked in a team to program/webpage to predict the probability of love between two photos of people
- Leveraged Python artificial intelligence API to assess picture attributes such as attractiveness, mood, age, and gender

DePaul DemonHacks Hackathon Competition   Fall 2019
- Developed a Python pricing assistance program for startups based on survey data
- Program utilized microeconomic modeling to an approximate ideal product pricing structure

Sam's Hi-Fi Exchange   Fall 2017 - Present
- Leveraged a deep understanding of a niche market through buying, selling, and trading to turn $1,000 of capital to a net of $80,000
- Developed a deep client network for sales and consulting

SKILLS & COURSEWORK

Language & Dev Tools: Advanced Java, Advanced Python, Intermediate Excel, Occasional R, Eclipse, Jupyter
Skills: Java & Python Programming | Investment Analytics | Financial Modeling | Machine Learning | Data Cleaning
Coursework: Advanced Java Data Structures, Algorithms, & OOP | Python Big Data & ML | Intermediate Python
Data Science | Python Data Analytics | Intermediate R Data Science Modeling | Statistics | Micro/Macro Economics