

# SAMUEL RUBIDGE

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## EDUCATION

### UNIVERSITY OF WISCONSIN MADISON (BACHELOR'S)

*Economics Major (Double Minor in Computer Science & Data Science)*

Graduation: May 2024

GPA: 3.5

### ELGIN COMMUNITY COLLEGE (ASSOCIATE'S)

*Associate's in Arts, Graduated with High Honors*

Graduation: May 2021

## WORK EXPERIENCE

### Legacy Financial Services Inc.

Chicago, IL

*Risk Analyst*

September 2020 - September 2021

- 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

*Investment Advisor Intern*

March 2018 - September 2020

- 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

## ACTIVITIES & PROJECTS

### Real Estate Investment Portfolio

Chicago, IL

*Investment Summary*

January 2021 - Present

- Purchased properties with mortgage financing to produce return through rental income and appreciation
- Leveraged quantitative analytics for greater sophistication of evaluation and breadth of opportunities considered
- Facilitated over \$500,000 of group property acquisitions with expected growth to over \$1,000,000 by the end of 2024
- Produced 25% life-to-date annualized return on equity considering cash-flow and current value of properties

[Investment Analytics Tool](#)

January 2022 - Present

- Data on thousands of properties on Zillow and Redfin were scraped in order to approximate rental cash flows
- Allowed for user sorting of large volumes of prospective investments based on profitability metrics
- Illustrated geospatial mapping of comparative investments using GeoPandas
- Provided rent projections with machine learning (random forest, SVM, gradient-boosted trees, bayesian ridge)
- Calculated cash flow scenarios with user input assumptions for more in-depth analysis
- [Completed investigative research on the relationship between home and rental price indices](#)

[Excel Cash Flow Dashboard](#)

June 2021-January 2022

- Created property cash flow scenarios in Excel to evaluate long-term profitability scenarios
- 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 costs)

### Sam's Hi-Fi Exchange

September 2017 - Present

- Founded an exchange business for buying, selling, and trading audio equipment
- Invested \$1,000 of initial capital to eventually build an inventory of \$80,000 asset value
- Generated a range of \$500-5,000 of profit per trade on over 75 transactions
- Used a deep knowledge of audio markets to identify and capitalize on potential speaker exchange opportunities
- Provided the service to transport and move equipment often exceeding 150 lbs in order to incentivize exchanges
- Developed a deep client network for sales, consulting, and continual business

### University of Wisconsin Madison Real Estate Club

Fall 2021 - Present

- Networked with Badger real estate alumni and attended various real estate industry presentations
- Visited development sites throughout Wisconsin to study the investment process from industry-leading developers

### Hackathons

- (UC Santa Barbara - Sep 2020) Programmed a webpage to predict the probability of love between two photos of people using an artificial intelligence API to assess attributes such as attractiveness, mood, age, and gender
- (DePaul - Sep 2019) Developed a program using microeconomic modeling to optimize product pricing structure

## SKILLS & COURSEWORK

**Languages & Tools:** Advanced (Java, Python) | Intermediate (HTML, JS, React, Excel, Git) | Occasional (R, Flask)

**Skills:** Real Estate Investing | Investment Analytics | Financial Modeling | Machine Learning | Data Cleaning

**Coursework:** Java Data Structures, Algorithms, & O.O.P. I, II, and III | Python Big Data & ML | Intermediate Python

**Data Science | Python Data Analytics | Intermediate R Data Science Modeling | Statistics | Micro/Macro Economics**