Evan **Bagwell**

SOFTWARE ENGINEER

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Summary

Grew up in a sales environment but always had a passion for software development. Practiced both concurrently for several years before having enough knowledge, skills, and experience to transition to a full-time software position.

Entrepreneur and full-stack developer with over 5 years of experience building algorithmic trading systems in Python, ReactJS, and C#. Experience analyzing and formatting large datasets, building and querying RESTful APIs, working with relational and non-relational databases, incorporating high-speed TCP data feeds, and implementing high frequency trading strategies. Designed and implemented trading algorithms that exploit market inefficiencies and market microstructure.

Techstack

Linux, Python, C#, ReactJS, Django, PostgreSQL, Redis, Nginx, Gunicorn, Daphne, Numpy, Pandas, Matplotlib, Scipy, LaTeX, Shell Script

Work Experience

Quantyle
Madison, WI

CO-FOUNDER - SOFTWARE ENGINEER
July 2019 - Present

- Helped develop complex technial indicators and robust algorithmic trading systems
- Built data collection tools to gather historical trade data for all assets on multiple exchanges
- Collected, formatted, and utilized live market data from TCP sockets and RESTful API's
- Wrote programs to accurately backtest and analyze strategies on large datasets and execute on live markets
- Created broker classes to process orders for multiple exchanges
- incorporated relational and non-relational databases to maintain security for users and scalability for the company
- Worked heavily with machine learning and opimization algorithms to increase system and strategy efficiency
- Implemented high frequency trading strategies across multiple exchanges
- Hosted servers to deploy advanced trading systems to the public

Ridian
Miami, FL

SOFTWARE ENGINEER
Aug 2022 - Oct 2022

- Cooperated with a large team to build out the frontend for a cryptocurrency trading company
- Ported some existing code in previous version from Vue to React
- Collaborated with backend team to advise on system architecture and link processes to new frontend
- Helped data team more efficiently collect, store, and access market data across supported exchanges
- Built RESTful API structure for clients to access available features

Brightway Insurance
Orlando, FL

INSURANCE SALES AGENT
May 2018 - July 2018

- Wrote policies for many high profile clients (Music Artists, Professional athletes, Etc.)
- Worked with the largest insurance companies in the US
- Trusted to handle large amounts of sensitive personal data
- Deligated tasks to offices around Central Florida

ReMax Town & Country
Orlando/New Smyrna Beach, FL

REAL ESTATE SALES ASSOCIATE
Jan 2014 - March 2018

- Worked side by side with some of the top agents in Central Florida
- Researched and implemented marketing campaign strategies
- Designed and presented listing presentations to new clients
- Responsible for maintaining large CRM databases
- Kept consistent contact and communication with all clients

Licenses & Awards

2022	- 220 Insurance License	*Orlando, FL*
2016	- Real Estate License	*Orlando, FL*
2014	- Eagle Scout Award	*Orlando, FL*