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 4 years of experience building algorithmic trading systems in Python, ReactJS, and Vue and serving to clients. End to end deployment expertise. 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, Vue, Django, PostgreSQL, Redis, Nginx, Gunicorn, Daphne, Numpy, Pandas, Matplotlib, Scipy, LaTeX

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*