

## SOFTWARE DEVELOPER

Dependable, self-motivated, and eager computer science graduate with a strong mathematics background and excellent problem solving skills. Able to follow instructions and work well in a team environment. Adept at learning new software and technologies rapidly and proficiently. Seeking to apply and grow my knowledge and experience as a Software Developer.

### EDUCATION

**B.S. Computer Science -  
North Carolina State  
University (2020)**

### TECHNICAL SKILLS

Languages (proficient)

- Python
- Java

Languages (familiar)

- C/C++
- HTML
- CSS
- Javascript
- PHP
- SQL

Frameworks/Misc.

- Django
- Bootstrap 4
- REST APIs
- MySQL
- PostgreSQL

### BUSINESS SKILLS

- Leadership
- Time Management
- Conflict Resolution

### SOFT SKILLS

- Dependability
- Integrity
- Empathy

### PERSONAL PROJECTS

The "Ticker" series of Projects are all **designed and built by me**. They use the Alpaca API, a Yahoo! Finance screen scraper for live data, and all code (excluding the web page) is written in Python.

**TickerTrader** - A stock trading program designed to enable entering and exiting positions in a fraction of a second by moving normal web page interactions to the command line. Ideal for Technical Analysis based scalping.

**TickerTracker** - A fully automated stock trading program designed to remove trader emotion-based decision making. It uses Technical Analysis, linear regressions, and adaptive risk management to enter and exit stock positions.

**TickerTrackerPage** - A locally hosted website created to enable improvements to TickerTracker's algorithm. This page visually displays an assortment of data captured around TickerTracker's daily algorithm trades and lays the groundwork for the ultimate goal of applying machine learning to optimize algorithmic trading. TickerTracker page uses the Bootstrap 4 framework, MySQL RDBMS, and runs on an apache2 server. It is written from scratch in HTML, CSS, Javascript, PHP, Python, and SQL.

### WORK EXPERIENCE

Lowes Foods: Raleigh, NC -- Produce Clerk 2015 - Present

- Produced ready-to-eat cuts of fruits and vegetables
- Assisted in stocking departments
- Engaged and interacted with customers and corporate management

ASU Food Services: Boone, NC -- *Student Employee* 2015 - 2016

- Prepared and served dining hall meals for fellow Appalachian State University Students
- Trained and acted as relief manager to assist during busy times and fill voids due to lack of personnel

YMCA: Raleigh, NC -- *Youth Counselor* 2012 - 2014

- Taught and refereed sports for grades K-8 as a youth sports counselor
- Scheduled and led activities for 10 hour camp days during the summers as a camp counselor
- Led tutoring sessions for students needing extra attention in school during time as an elementary after-school counselor