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Patrick D. May

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Employment

Software Engineer, Full Time   **LAB Quantitative Strategies**   **May 2023 - Current**

- Worked collaboratively with the back end engineering team to maintain and develop professional code for the company website. This includes using Python to scrape and clean data and design logic and payloads to work seemlesly with the front end system.
- Continuously performed modern development practices such as CI/CD, and version control so that the company code was written as clean code and up to date with industry standards.
- Extensively used AWS and their services such as RDS, S3, Cognito, Lambda, ECS, and Terraform to build a scalable and secure framework for our codebase. This allowed us to develop and ship a scalable website that is used by many of the companies active customers.

Seasonal Intern   **LAB Quantitative Strategies**   **May 2020 - September 2022**

- Worked collaboratively with another front end engineer to help design and develop pages on LAB QS' website, Summit. Worked with Javascript and VueJS framework while also utilizing Vite to make the company website run faster
- Created upwards of 20 testing suites to test and maintain componenets of the front end code.
- Created 5 Javascript componenets from scratch that were utilized to build pages for the company website.
- Attended VueJS Conference in June of 2022 and networked with other software engineers to develop a deeper understanding as a beginning engineer. In addition to networking, I atteneded a dozen classes and workshops to deepen my skills and stay up to date on the most advanced front end technologies.

Shake Artist   **Shake Shack**   **April 2017 - April 2018**

- Demonstrated advanced knowledge of menus and drink selections in order to provide a unique tasting experience for each customer.
- Assisted my team in store upkeep by leading in cleaning, stocking, and maintenance tasks in order to promote a seamless shift and keep the team prepared throughout the shift.
- Took the oppurtunity to make good impressions on customers by being friendly and enthusiastic while presenting their food.

Delivery Driver   **Parrys Pizza**   **January 2017 - April 2017**

- Took on the responsibility of making sure customers received their orders in a timely fashion.
- Helped maintain a clean back of house while not delivery orders by cleaning dishes.
- Was charged with the responsiblity with counting cash and maintaining an accurate ledger of all order I conducted.

Education

Colorado, CO   **Colorado State University**   **August 2019 - May 2023**

- B.S in Computer Science Engineering May 2023. In-major GPA: 3.36.
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Computer Architecture; Internet Architecture; Cyber Security; Machine Learning; 3D Modeling; VR Game Design; Game Design; Calculus II; Statistics;

Certifications

- Series 3 National Commodities Futures Exam Certification
- AWS Certified Cloud Practitioner Certification

Languages and Technologies

- C++; C; Java; Python; SQL; JavaScript.
- Visual Studio; AWS; Bitbucket; Git; Jira; Docker; Unity; Blender; Unreal Engine.