

Ding Tian(Dean) Ding

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TECHNICAL SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, webpack, JQuery, Git, Heroku, Python, Alteryx, Tableau, UiPath, Excel

PROJECT EXPERIENCE

Underhood | (React, Redux, Ruby on Rails, JavaScript, PostgreSQL, HTML, CSS, webpack, Heroku)

[Live](#) | [GitHub](#)

Underhood, a Robinhood clone, is an online stock trading and market data news platform.

- Streamlined user experience when managing user portfolio and stock search function, allowing users to efficiently look up live price and latest current events from major news sources
- Built a secure user authentication system, utilizing Bcrypt to hash and salt passwords, strengthening protection of user data
- Incorporate various APIs such as AlphaVantage, Finnhub, Chart.js & Canvas, and integrated their functions
- Leveraged Redux to optimize the flow of information management of React components, resulting in DRY readable code and increasing scalability of a single page application

mapStatesToPost | (MongoDB, Express, React, Node, JavaScript, HTML, CSS, webpack, Heroku, AmazonS3)

[Live](#) | [GitHub](#)

mSTP is a social media app with full CRUD as well as image uploading function that is built on the MERN stack.

- Leveraged DOM manipulation to ensure map markers are interactive with their respective listed DOM elements
- Set up image upload and deleting from the frontend and handled image storage on AWS from the backend
- Created modular React components informed by Redux's single-state management to be implemented on multiple pages, keeping the codebase DRY

Journal Entries Testing Automation | (Alteryx, Tableau, UiPath)

- Performed exploratory data analysis (EDA) of 300k+ journal entries of 30+ private equity funds across 15+ versions to understand entities' funds flows/waterfalls, journal entries reclasses/adjustments and causes of trial balance issues
- Built, maintained, and optimized automated ETL pipelines with Alteryx and UiPath to perform data wrangling to AUM \$13B+ worth of Investran raw data into presentable data format, and imported into PwC Aura Database for audit fieldworks
- Analyzed journal entries by audit risk tiers and coordinated testing with the audit team until the untested balance is within audit's materiality, resulted in 450 hours of client team budget saved and increased the digital acumen of the team

PROFESSIONAL EXPERIENCE

DCB CPAs LLC / DCB Consulting Inc.

Roslyn, NY

Owner, Accounting & Tax Services

Spring 2020 - Present

- Consulted small businesses and corporations in applying and receiving various COVID-19 government reliefs, such as the PPP Loans and the CARES Act Provider Relief Fund; Researched publications, news releases, and webcasts to consult clients on the tax & book treatment and the due diligences related to each type of relief fund to provide such services
- Implemented and oversaw a payroll provider transition projects for 11 entities through consistency check of the employee, pay and tax data of 10,000+ employees of the system, and ensured a smooth transition of client's manual processing to a web-based centralized approach, resulted in an approximately 50% reduction in payroll cost and overall efficiency in the payroll process
- Prepared 20+ tax returns for various Corporations, LLCs and Partnerships by working closely with the clients to accurately recalculate tax refunds and advised on clients' tax planning to minimize tax liabilities

PricewaterhouseCoopers LLP

New York, NY

Senior Associate, Digital Accelerator

Fall 2016 - Fall 2019

- Served on project teams to leverage digital skills, such as SQL, Python, Alteryx, Tableau and UiPath, and related project management best practices to automate processes, discover insights and further enhance the quality, value and experience for PwC's clients and project teams
- Completed a busy season on the pilot team for a Tech-Enabled Audit; Owned key audit areas to advise and implement new processes to be automated, resulting in audit opinions being issued 15 days earlier than the prior year
- Regularly utilized PwC MIDA Database with SQL to perform tasks such as data query for interest/dividend/ foreign exchanges rate for investments, generate bulk audit documentation and perform data linkage off Bloomberg Terminal via MS Excel macros

Senior Associate, Core Assurance, Asset Management

- Supervise, coach, review and provide feedback to junior staff members and offshore work team over 5 audit teams; Handled project management and engagement economics through regular review of the project plan and budget analytics
- Maintained the engagement team's open items list as lead senior and led weekly discussions with client management and its service organizations by setting timeline and expectations for all parties involved

EDUCATION & CERTIFICATIONS

AppAcademy - 16-week intensive course in full-stack software development with 3% acceptance rate

Graduated in March 2022

Certified Public Accountant (CPA), State of New York

Issued in September 2020

Binghamton University, State University of New York

Bachelor of Science in Accounting with Honor / Concentration in Information System

Graduated in May 2016