

Ding Tian(Dean) Ding

Jericho, NY, 11753 | (917) 436-2093 | dingtian.ding@gmail.com | [LinkedIn](#) | [GitHub](#)

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, Microsoft Suites

PROJECT EXPERIENCE

Underhood(React, Redux, Ruby on Rails, JavaScript, PostgreSQL, HTML, CSS, Webpack, Amazon S3, 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 function
- 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

Technology, Media and Twitter(JavaScript, HTML, CSS, Webpack) [Live](#) | [GitHub](#)
TMT is an all in one site to look up a company's live price graph, current events and company's social media updates..

- Designed a search feature that pulls simultaneously information from Yahoo Finance, NewsAPI, Twitter API and Reddit API
- Implemented HTML Canvas and Chart.js to dynamically render graphs based on real time data from sources
- Employed CSS3 Flexbox, z-index, and Webpack for an appealing and responsive layout

Private Equity Journal Entries Testing(Alteryx, Tableau)

- 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
- Presented project findings and the workflow guide to the engagement leader and team using Tableau and PwC Aura DB to demonstrate the insights from the audit engagement and to make recommendations to client's system and future cycles.

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 - Highly selective and top ranked 16 weeks coding bootcamp with a 3% acceptance rate

Graduated in March 2022

Certified Public Accountant (CPA), State of New York

Issued in September 2020

PwC Digital Badges Certifications

Issued in September 2019

Binghamton University, State University of New York

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

Graduated in May 2016