

SUJAY CHEBBI, EIT

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EDUCATION

The University of Texas at Austin

May 2021

Master of Science, Business Analytics

Financial Analytics Track

- Overall GPA: 3.62

Coursework Includes: Advanced Predictive Modeling, Data Analytics Programming, Decision Analysis, Data Management, Text Analysis, Advanced Corporate Finance, Investment Theory, Stochastic Control & Optimization, Financial Technology

Texas A&M University

December 2018

Bachelor of Science, Petroleum Engineering

Certificate Program: Petroleum Ventures

Coursework Included: Linear Algebra, Engineering Calculus III, Differential Equations, Investment Analysis, Private Equity, Managerial Finance, Drilling Engineering, Integrated Reservoir Modeling, Production Engineering, Reservoir Simulation

EXPERIENCE

ProLytx – Junior Technical Consultant; Houston, TX

2019 – 2020

- Analyzed and modified hundreds of Piping and Instrumentation Diagrams with SmartPlant P&ID
- Established safety provisions by applying thousands of filters for inspection protocols and leak detection and repair
- Troubleshoot SmartPlant P&ID with proprietary Wrench Tool software to detect inconsistencies with pipe flow
- Migrated legacy instrumentation, wiring, and spec sheet data into SmartPlant Instrumentation databases
- Coordinated with team on a weekly basis to meet and exceed project deadlines
- Built relationships with clientele at Chevron Phillips Chemical by editing over 300 AutoCAD P&IDs
- Reduced errors of OSIsoft real-time data management by 20% for Marathon Petroleum

ACADEMIC PROJECTS

Car Image Recognition with Convolutional Neural Network Applications

- Examined the [Stanford Cars Dataset](#) and created six neural network applications utilizing TensorFlow and Keras to classify more than 16,000 images.
- Achieved more than 76% accuracy on image classification using the ResNet50 convolutional neural network model. We published an article on Medium, which you can find [here](#)!

Trading Volume Investment Strategy

- Compiled complete financial securities data from WRDS and Compustat and created an investment strategy that revolved around trading volume, instead of market cap.
- Achieved annual returns of 27.7% by back-testing the strategy for the top 200 traded stocks since 1985.

TECHNICAL SKILLS

Computer Software: MS Excel, MS Word, MS PowerPoint, Power BI, WRDS, Bloomberg, Compustat, Databricks, MongoDB

Programming Languages: Python (pandas, NumPy, scikit-learn, matplotlib, TensorFlow, Keras), R, SQL, VBA

Project Skills: Agile, Scrum

Certifications: Engineer in Training No. 65900 (2019), CFA Investment Foundations Certificate (2020)

ADDITIONAL INFORMATION

Languages: Conversational in French and Kannada

Interests: Basketball, Fantasy sports, Catan, Real estate, Weightlifting, Swimming, Traveling

Work Eligibility: I am eligible to work in the U.S. with no restrictions.