Varun Nadgir

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EDUCATION

M.S. COMPUTER SCIENCE - BOSTON UNIVERSITY *May 2022 to January 2024*
 Concentration in Data Analytics

B.S. MATHEMATICS - UNIVERSITY OF MASSACHUSETTS, AMHERST *September 2009 to May 2015*

WORK EXPERIENCE

BEACON POINTE WEALTH ADVISORS *Waltham, MA*
SENIOR ASSOCIATE, OPERATIONS & TECHNOLOGY *February 2019 to April 2020*
- Maintained data consistency between both Tamarac and Salesforce CRM, while initializing up to 50 new accounts daily, totaling over $11 billion AUM in more than 24,000 active accounts
- Led the firm's quarterly reporting procedure by sending detailed instructions to each office, then auditing and reconciling account performance issues, preventing hundreds of erroneous reports from being published
- Summarized the firm's operations activity for the team of directors, using PowerBI and custom Excel workbooks, to visualize managed assets and cash flow for each office, advisor, and client
- Onboarded new employees with organization permissions and network access using Active Directory and provided IT support to over 160 employees to 10+ nationwide partner offices, with occasional travel

FINDABILITY SCIENCES *Remote*
ANALYST *October 2015 to February 2017*
- Wrote and scheduled SQL queries as part of ETL pipeline into MS SQL Server database, and performed daily log review, data cleaning, and feature testing to meet client's evolving needs and requirements
- Displayed donor behaviors by developing a web dashboard with Highcharts, integrating social media activity from both Twitter and Facebook into a unified visualization platform, ultimately increasing donor retention by ~15%
- Leveraged machine learning techniques such as NLP and sentiment analysis to generate summaries of comments and reviews left on client's social media pages, as well as regression models and decision trees to predict donations

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PERSONAL PROJECTS

p5.js Sketch Gallery *February 2024 to Present*
- Visualizations of popular algorithms, physics simulations, and other creative endeavors using JavaScript
- Expands on creative coding principles learned from Processing and Java, see my blog for more details

drawble *November 2023 to December 2023*
- Collaborative chat and drawing application using MySQL/Express/React/Node and WebSockets
- Hosted with AWS Linux EC2 and MySQL RDS for back-end, Github Pages for front-end, and Google OAuth

Fill4 *July 2023 to August 2023*
- Single-page React.js browser game that generates random Voronoi tilings with D3.js
- Provides multiple color options and difficulties, with a nearly endless amount of unique boards and solutions

The Dndler *January 2022 to June 2022*
- React/Node web application for creating Tabletop RPG characters
- Back-end handles generation of multiple aspects of a character, provides API to populate a full character sheet

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SKILLS

Data Analytics
- Python, numpy, pandas, matplotlib, scikit-learn, TensorFlow, R, RMarkdown, ggplot2, Tableau, PowerBI, MS Excel

Web & Software
- HTML, CSS, JavaScript, jQuery, React.js, Node.js, Express.js, Git, AWS RDS & EC2, MySQL, MongoDB, Django

Other Interests
- Music Production with Ableton, Game Development with Unity, Godot, C#, C++, 2D/3D Graphics