

Varun Nadgir

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EDUCATION

Boston University

*Master of Science in Computer Science
Concentration: Data Analytics*

May 2022 to January 2024

University of Massachusetts, Amherst

Bachelor of Science in Mathematics

September 2009 to May 2015

EXPERIENCE

Beacon Pointe Wealth Advisors

Senior Associate, Operations & Technology

Waltham, MA

February 2019 to April 2020

- Ensured data integrity between Tamarac and Salesforce CRM, while initiating up to 50 new accounts daily, managing over \$11 billion AUM across 24,000+ active accounts
- Directed the firm's quarterly reporting process by issuing detailed instructions to each office, then auditing and reconciling account performance issues, preventing hundreds of erroneous reports from being published
- Compiled and presented the firm's operations activity to the team of directors using PowerBI and custom Excel workbooks, providing visual insights into managed assets and cash flow for each office, advisor, and client
- Facilitated new employee onboarding by managing organization permissions and network access through Active Directory, and provided IT support to over 160 employees across 10+ nationwide partner offices

Findability Sciences

Analyst

Remote

October 2015 to February 2017

- Developed and scheduled SQL queries as part of the ETL pipeline into an MS SQL Server database, performing daily log reviews, data cleaning, and feature testing to meet client's evolving needs and requirements
 - Illustrated donor behaviors by creating a web dashboard with Highcharts, integrating social media activity from Twitter and Facebook into a unified visualization platform, ultimately boosting donor retention by ~15%
 - Applied machine learning techniques such as NLP and sentiment analysis to summarize comments and reviews on clients' social media pages, and utilized regression models and decision trees to predict donations
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PROJECTS

p5.js Sketch Gallery

February 2024 to Present

- Visualized popular algorithms, physics simulations, and other creative endeavors using JavaScript
- Expanded on object-oriented principles learned from Processing and Java, see [my blog](#) for my learning journey

drawble

November 2023 to December 2023

- Launched 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 for login

Fill4

July 2023 to August 2023

- Designed and launched single-page React.js browser game that generates random Voronoi tilings with D3.js
- Provided multiple color palettes and difficulties with useContext hook, for accessibility and limitless game states

The Dndler

January 2022 to June 2022

- Collaborated with small team and launched React & Node web application for creating Tabletop RPG characters
 - Developed Express.js API for generating random character features based on a given option set, tested with Jest
 - Adhered to standard SDLC practices, such as using Github Actions for version control, branch management, CI/CD
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SKILLS

Data Analytics

- Python, numpy, pandas, matplotlib, scikit-learn, TensorFlow, R, RMarkdown, ggplot2, tidyverse, PowerBI, MS Excel

Web & Software

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