Mihir Patil

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EDUCATION

Northeastern University   *Boston, MA*
Khoury College of Computer Sciences
B.S. Computer Science & Finance   *Exp. May 2022*
Related Courses: Fundamentals of Software Engineering, Object-Oriented Design, Algorithms and Data, Database Design, Corporate Finance, Business Statistics, Financial Accounting & Reporting, Information Presentation & Visualization, Foundations of Data Science
Activities: Big Data NU, Intramural Soccer, Muay Thai, Photography Club

WORK EXPERIENCE

Chewy, Inc   *Boston, MA*
Data Analyst Co-Op   *Jan - Jun 2021*

- Re-architected mobile data collection and reporting pipeline to achieve feature parity with Web Storefront, including refactoring code and producing new visualizations to better understand mobile behavior patterns leading to 50% increase in average customer spend on android devices and 10% WoW increase in Apple Pay customer acquisitions
- Designed auto-updating dashboard for mobile data, new hourly analysis dashboard for use during Chewy Sales Events
- Analyzed user acquisition and revenue data using Tableau and Snowflake to help track the performance and adoption of various features, providing integral data that drove decision making for Product and SWE teams
- Worked with stakeholders in Product to pioneer mobile data collection for Chewy's new Apple Pay implementation, resulting in provision of crucial metrics to increase user retention/acquisition

Chewy, Inc   *Boston, MA*
Data Analyst Co-Op   *Jan - Jun 2020*

- Tracked and analyzed user behavior on Chewy's Web Storefront to create a database and dashboard of every user's sequenced interactions to gain insight into user interaction and navigation, increasing visibility exponentially
- Collaborated with various PM's to provide ad-hoc support and provide insights on KPI data related to feature rollout and customer interaction

PERSONAL PROJECTS
https://github.com/m-patil/

Virtual Gather Space   *Feb – Apr 2022*

- Deployed a REACT web application with an interactive UI, blacklist functionality, and voice/text chat
- Utilized Auth0 for user verification along with implementation of a persistence layer to ensure user protection

Mapping The MBTA   *Sep – Dec 2019*

- Mapped MBTA transit options for the Chester Square Neighborhood Association in order to create visualizations tracking average delays on a route, as well as frequency of delays, for use by the residents of Chester Square
- Retrieved, parsed and analyzed data from MBTA API, as well as building the visualization in JS, CSS, and HTML

Boston Objects Map   *Mar - Apr 2019*

- Mapped Boston using datasets of trees, fire hydrants, streetlights and various landmarks using Java and MySQL
- Used Object Oriented Design and Database Design principles to create a scrollable map of said features

COMPUTER KNOWLEDGE

Languages: Java, SQL, Python, Typescript, REACT, JavaScript, C++, C, AT&T Assembly, PHP, HTML, Objective-C, XML, CSS, LATEX, ACL2, SVG

Software: Tableau, IntelliJ, MySQL, Jira, Confluence, Git, Visual Studio, Snowflake, MongoDB, Amazon Web Services, Google Analytics, Eclipse, PyCharm, Microsoft Office Suite, IBM SPSS 25