Naman Molri

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EDUCATION

University of Maryland: 3ʳᵈ year   **May 2022**

Courses: Introduction to Java, Introduction to Data Science (Anaconda & Python) Programing handheld (Android Development), Programming using JavaScript, Node.js and React, Introduction to Data Structures, Introduction to Data Science, Discrete Mathematics.

PROJECTS

- **Data Analysis on Affordable Housing Data (Linked here)**   **May 2021**
  - → Researched Affordable Housing databases for acquiring, cleaning, and analyzing the data for hypothesis testing.
  - → Made linear regression and predictive models using sckit-learn, statsmodels API and Seaborn libraries.
- **Inventory Manager (Android Application)**   **October 2020**
  - → Built a client and user facing inventory manager app with Android Studio and SQLite libraries for database.
  - → It allows the client to add and update items in a presentable list for the user to log in and view. The user can also add items to list and be notified when they become available.
  - → It is built to be user-friendly, secure, and soon the database will be hosted online for cross device use.
- **Discord Chat bots (Linked here)**   **August 2020**
  - → Built a smart chatbot using Node.js, JavaScript, Discord.js as well as MovieDB and OpenWeather API's.
  - → Fetches and parses data from the web clients and presents to server members in messages or announcements, among other server housekeeping features.

WORK EXPERIENCE

Backend Developer at UM School of Public health   **June 2021- Present**

- Built, update and maintain the server and its 15+ backend endpoints and API for the HealthyMe application.
- Used express.js, node.js, mongo and AWS for hosting. Building a recommender system using Surprise scikit.

Data Scientist at UM School of Architecture   **February 2021- Present**

- Researching and compiling data from relevant sources to build graphical and predictive models for the Purple Line corridor and other Urban planning projects.
- Using technologies like Jupyter Notebook and libraries like pandas, scikit-learn and learning TensorFlow on the job.

Web Development Intern at WMUC Radio   **August 2020- January 2021**

- Designed and revised the WMUC student radio's new website and helped the android development team with design.
- Used Node.js, React, Bootstrap and other JavaScript libraries for building, and AWS for hosting their website.

Technical Support Intern at CAPRI GLOBAL   **June 2017 - September 2017**

- Provided technical support via calls and email for customer relationship management (CRM) software called CUBE.
- Used Excel and in-house software to process and document employee data and provided IT support.

SKILLS

- **Programming Languages:** Java, JavaScript, Kotlin, NodeJS, C++, Python, CSS and HTML
- **Technologies & environments:** Discord API, NodeJS, discord.js, Pandas, NumPy, Eclipse and Git