

MILAN BAROT

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EDUCATION

Borough of Manhattan Community College, The City University of New York, New York, NY
Associates in Applied Science degree in **Computer Information Systems**

Dec '18

The City University of New York, New York, NY
Bachelors in Computer Science

(expected) Dec '20

Coursework: *Web Programming, Database Management Systems, Telecommunication Networks, Multimedia Programming, UNIX, Discrete Structures*

EXPERIENCE

Nielsen Corporation, Ahmedabad, GJ, India

Jun '13 - Aug '13

Junior Market Researcher

- Conducted market research for qualitative analysis of key industry trends and future developments
- Analyzed buyers based on market trends of mobile phones, radio transmitters and television cameras in India
- Surveyed telephonic, in-person data and competitor reviews that defined market areas for identifying local customer patterns

Indicyb Solutions, Vadodara, GJ, India

Feb '14 - Aug '14

Web Developer

- Gained knowledge in designing, developing and testing HTMLS, CSS3, Bootstrap, and JavaScript and JQuery that meets accessibility and web browser standards for website.
- Gained knowledge in end-to-end development of website from requirement analysis to system study, designing, coding, testing, de-bugging, documentation and implementation
- Extensively used Git for version controlling and regularly pushed the code to GitHub.

Borough of Manhattan Community College, CUNY, New York

Jun '18 - Feb '19

College Assistant

- Duties included scanning, photocopying, responding, updating and maintaining handbooks and materials for distribution
- Operating computers, computer software and other electronic equipment in performing the assigned tasks
- providing assistance to students and administrative staff

TECHNICAL SKILLS

Programming Languages: Java, SQL, Bash/Shell scripting

Version Control: Git

Web Technologies: WordPress, JSON, HTML5, CSS3, JavaScript, PHP, JQuery, Bootstrap, NodeJS

Applications and Tools: Sublime, Atom, MySQL Workbench, Microsoft Office, Adobe Premier Pro, Command Prompt, Microsoft Office Server 365

Database Systems: MySQL, PHPMyAdmin

Operating Systems: Unix/Linux, Windows, Mac OS, Android

RELEVANT PROJECTS

Traveller's Paradise Website | [\[https://github.com/70milan/travellerSite\]](https://github.com/70milan/travellerSite)

Designed and developed a Travel Agency website using web development essentials such as HTML, CSS (PostCSS) and JavaScript (Babel,Webpack). Used Git, GitHub and gulp essentials to collaborate with project partner and deploying website live.

- Was primarily responsible for the front end User Interface of the website.
- Used Node.js tools like Gulp and NPM to automate the whole procedure.
- Extensively used responsive CSS by implementing techniques (Mobile-first, BEM & PostCSS) and wrote media queries to style the website and to keep the code well organized.
- Wrote well-structured JavaScript code using Babel & webpack.
- Used MySQL as a database management tool.

Hospital Management System

Developed a web application to enable users enter symptoms and get doctor recommendations in their locality for the Borough of Brooklyn area involving 500 doctors, 283 clinics and 211 emergency centers.

- Responsible for the backend operation of the project by providing raw data in a user friendly format
- Developed a web-scraping application to extract data from websites, cleansed and formatted the data, treated missing values and outliers and entered the data in RDBMS format using MySQL

CUSTOM & INTERACTIVE WordPress Powered Website [\[https://milanb1.sgedu.site/\]](https://milanb1.sgedu.site/)

Created a custom and interactive “Fictional University” WordPress website using PHP, JavaScript, WordPress theming & the WordPress REST API.

- Created WordPress custom field Post types and custom fields and used JavaScript to communicate with the WordPress backend.
- Created “Live/on the fly” search functionality using JavaScript and JQuery which was then connected to the backend using JSON and WordPress Rest APIs.
- Worked and customized WordPress Rest APIs and created raw JSON data.
- Made “Note taking” feature using JQuery/JavaScript which is enabled only when a user is logged into his/her account.
- Created a “like” feature on the website using Custom post types where users can provide feedbacks to the professors using “like/heart” button functionality.
- developed multiple WordPress powered websites/blogs as a freelancer.

CERTIFICATIONS

- Google Analytics Certification 2019
- Udemmy Certificate of completion – WordPress
- Udemmy Certificate of completion – Linux