

Milan Barot

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EDUCATION

CITY UNIVERSITY OF NEW YORK, New York, NY

Dec 2018

Associates in Applied Science in Computer Information Systems

Coursework: Web Programming, Database Management Systems, Telecommunication Networks, Multimedia Programming, UNIX, Discrete Structures, Object Oriented Programming with Java

CITY UNIVERSITY OF NEW YORK, New York, NY

May 2021

Bachelor of Science in Computer Science

TECHNICAL SKILLS

Programming Languages: Python, SQL, Bash/Shell scripting

Database Systems: MySQL, PhpMyAdmin, MariaDB

Operating Systems: UNIX, Windows, Mac OS X

Technologies: JSON, HTML5, CSS3, JavaScript, PHP, jQuery, Bootstrap, NodeJS, Shopify (CMS), WordPress (CMS), Wireless Networking, TCP/IP protocol, LTE

Applications & Tools: Sublime, Atom, MySQL Workbench, Microsoft Office, Command Prompt, Microsoft Office Server 365

PROFESSIONAL EXPERIENCE

AmNet Services, Fairfield, NJ

Jul 2019 - PRESENT

Radio Frequency Field Engineer

- Working directly with senior RF engineer to monitor and record cell site signal strength.
- Made 911 calls to ensure all information is reaching the correct E911 call center.
- Drive testing of sites following the re-home of E911 circuits.
- Performed site surveys and in-depth walkthroughs.
- Assisted senior RF engineer in cell site troubleshooting. (Dropped calls, poor coverage, and overloaded circuits).
- Indulged in E911 Sprint project and Massive MIMO Nokia project.

Borough of Manhattan Community College, CUNY, New York

Jun 2018 - Dec 2018

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.

Nielsen Corporation, Ahmedabad, GJ, India

Feb 2013 - Dec 2013

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

ACADEMIC PROJECTS

Travel's 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 (Post CSS) and JavaScript (Babel, Webpack). Used Git, GitHub and gulp essentials to collaborate with project partner and deploying website live.

- Used Node.js tools like Gulp and NPM to automate the whole process.
- Used responsive CSS by implementing techniques (Mobile-first, BEM & Post CSS) to style the website and to keep the code well organized.
- Wrote well-structured JavaScript code using Babel & webpack.

Custom University

[\[https://milanb1.sgedu.site/\]](https://milanb1.sgedu.site/)

Created a custom and interactive WordPress website using PHP, JavaScript, WordPress Theming and Rest APIs.

- 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
- Made "Note taking" feature using jQuery/JavaScript which is enabled only when a user is logged in.
- Created and customized WordPress Rest APIs and created raw JSON data.

Hospital Management System

May 2018

Developed a web application to enable users enter symptoms and get doctor recommendations in their locality for the Borough of Brooklyn.

- Responsible for the backend operations operation of the project by providing raw data in a user-friendly format
- Wrote complex SQL queries, stored procedures and scripts for fetching the data from the database.

Certifications & Activities

- Google Analytics (2) UDEMY CERTIFICATE OF COMPLETION (LINUX, WEB DEVELOPER COURSE 2.0)
- Member: Robotics Club (Borough of Manhattan Community College)

