

Doniyor Ismatilloev

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EDUCATION

University at Buffalo

Bachelor of Science in Computer Science

GPA: 3.75, Honors: Dean's List, Pride of New York Scholarship

Buffalo, NY

Expected Graduation Dec 2024

PROJECTS

Transform ****UB Hacking Winner**** | *React, Django, Typescript, Python,*

November 2022

- Developed a full-stack application (React, Django) that uses large language models as educational tutors
- Built and deployed RESTful API endpoints to ensure project scalability and data persistence capability
- Leveraged the embedding of a neural network (resnet50), and a text-image model (DALLE-2) to create an automated drawing challenge
- Placed 1st in UB Hacking Machine Learning/Artificial Intelligence Category

Dynamic Memory Allocation | *C*

November 2022

- Designed a Dynamic Memory Allocation Equivalent to malloc, calloc, realloc, and free in the UNIX Terminal
- Deployed in C recreating a dynamic memory allocator using a pool allocation system stored on the heap
- Stored the size of the block of memory in a block header so the user would be able to free the correct size
- Application was able to duplicate the abilities of the malloc, calloc, realloc, and free running commands on Linux Terminal

Self-Checkout GUI | *Scala*

March 2021

- Application deployed with Scala utilizes object-oriented programming to ensure the intended functionality
- Self Checkout Machine that takes in a barcode and gives the price of an item associated with a barcode
- Provided customers with a subtotal, tax, and total of scanned items with the ability to use a loyalty card

CDC Covid-19 Graph | *Python, HTML, JavaScript, Ajax, Bottle Route, Plot.ly, CSV Files*

December 2021

- Developed a Full-Stack application to take the information from the CDC website and display them on graphs
- Built pie charts and graphs of the Fully vaccinated percentage per state and the percentage of which Vaccine used with Plot.ly
- Communicated with the front and back end using JSON dumps and loads
- The web application runs on a bottle server that uses AJAX to fetch the necessary data

EXPERIENCE

UFO Logistics LLC

July 2020 – August 2021

Safety-Manger/Accounting

Remote

- Approved payroll and benefits administration for 10 employees deploying with Microsoft Excel
- Processed payments excess of \$20,000 weekly and without going over budget
- Fashioned and Analyzed Quarterly IFTA Taxes Reports and Submitted in a timely manner
- Handled training and development efforts for new hires of over 8 people

The Medicine Chest Brooklyn NY, 11230

Nov. 2019 – Jun 2021

Cashier

Brooklyn, NY

- Processed Hundreds of transactions a day swift and effectively for best customer experiences
- Collaborated with Co-Workers to build schedules fitting everyone needs weekly
- Advised 20+ customers a day in acquiring specific items and recommended Alternatives Products
- Maintained cleanliness and order of checkout areas and lanes hourly ensuring customer satisfaction

TECHNICAL SKILLS

Languages: Python, Scala, C, Java, Node.js, MySQL

Web Development: HTML, CSS, JavaScript, TypeScript

Frameworks: React, Bootstrap Tailwind CSS, Bottle Web Framework, Django

Developer Tools: Emacs, Git, VS Code, IntelliJ, CLion, Figma, Microsoft Office, Photoshop