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EDUCATION

Columbia University in the City Of New York, *Bachelor of Art in Computer Science* May 2024

Relevant Coursework: UI/UX Design, Data Structures & Algorithms in Java& Python, Graphic Design, AI and Machine Learning with Python, Full Stack Web Development with React

WORK EXPERIENCES

Blue Ribbon Bags

Data Processor, New York, NY

June 2023 – Present

- Manage high-volume data and enforce policies using SQL and Python, ensuring accuracy and integrity.
- Lead team collaboration on analytical tasks, applying statistical analysis and data modeling techniques.
- Maintain database cleanliness and communicate insights to clients through clear, professional reporting.

CodePath.org

Tech Fellow, New York, USA

May 2024 – Nov 2024

- Mentored 100+ students in algorithms and programming concepts, enhancing their technical problem-solving abilities.
- Designed and delivered engaging instructional content aligned with agile principles, improving 30% of student outcomes.

Headstarter AI

Software Engineering Fellow, New York, NY

July 2024 – Sept 2024

- Built and deployed five scalable web applications, including an AI-powered educational tool to support personalized learning.
- Utilized A/B testing and Google Analytics to refine user experiences, increasing engagement by 20%.
- Authored comprehensive technical documentation to align development efforts with user and business needs.

PROJECTS

Perfume Recommendation Engine | (*Final AI Research Project at Columbia University*)

Full Stack Web App with Data (Python, Scikit-learn, Pandas, BeautifulSoup, SQL)

- Applied machine learning content-based recommendation algorithms using Python.
- Web-scraped datasets with BeautifulSoup, transformed them into CSV files, and curated features with Pandas for recommendation.
- Leveraged Scikit-learn for collaborative filtering, achieving 90% prediction accuracy.
- Developed user-friendly flows and interfaces to enhance accessibility and engagement.

Money Transaction Blockchain System

Full Stack Web App (Python, Flask, HTML, CSS, JavaScript)

- Built a secure financial transaction platform leveraging Python, Flask, and JavaScript.
- Implemented blockchain concepts for secure and decentralized transactions.
- Designed and developed frontend interfaces for dynamic content and interaction.
- Managed backend logic for transaction processing and user inputs.

Interactive Boxing Lessons Platform

Full Stack Web app | (Python, Flask, HTML, CSS, JavaScript)

- Developed an interactive web application to teach defensive boxing maneuvers.
- Frontend: Crafted responsive interfaces using HTML, CSS, and JavaScript for dynamic content and interaction.
- Backend: Utilized Python and Flask for server-side logic, managing lessons, quizzes, and user inputs.
- Designed dynamic scoring systems and interactive lesson flows to enhance user engagement and learning outcomes.

SKILLS

Programming Languages: Java, Python, JavaScript, MySQL, MATHLAB, Git, Docker

Libraries: OpenCV, Scikit-Learn, PyTorch, TensorFlow, NumPy, Pandas, Matplotlib, BeautifulSoup, React

Languages: English (Professional), Burmese (Native), Chinese (Elementary)