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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

WORK EXPERIENCES

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.

SECOMM
Frontend Developer Intern, Ho Chi Minh City, Vietnam   June 2023 - Aug 2023
- Developed intuitive, responsive web interfaces for e-commerce clients, improving usability and functionality.
- Conducted UI/UX testing, resulting in a 15% boost in user satisfaction scores.
- Collaborated with cross-functional teams to implement features aligning with technical and customer requirements.

PROJECTS

Perfume Recommendation Engine | ***(Final AI Research Project at Columbia University)***
Full Stack Web App with Data (Python, Scikit-learn, Pandas, Beautiful Soup, SQL)
- Applied Machine learning content-based recommendation algorithm by using Python.
- Web-scraped the dataset with Beautiful Soup, transformed it into a CSV file, and used Pandas to curate features for recommendation.
- Applied Scikit-learn for collaborative filtering, predicting user preferences with achieving 90% 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 using Python, Flask, and JavaScript.
- Implemented blockchain concepts for secure 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 from scratch 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, TypeScript, JavaScript, MySQL, MATHLAB, Git, Docker
Libraries:	OpenCV, Scikit-Learn, PyTorch, TensorFlow, NumPy, Pandas, Matplotlib, Beautiful Soup, React
Languages:	English (Professional), Burmese (Native), Chinese (Elementary)