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EDUCATION

Columbia University in the City Of New York   May 2024

Bachelor's degrees in computer science – 3.5 GPA

Honors & Awards - Dean's List Spring 2024, Dean's List Fall 2023, GS Phi Theta Kappa Scholarship, Emerging Scholars Program,
Relevant Courses**:** UI/UX Design with JavaScript, CSS, HTML, Full stack Web Development with JavaScript, Data Base with Python and SQL, AI & Machine Learning with Python, Data Structures & Algorithms in Python, Linear Algebra with Python

EXPERIENCES

CodePath.org: Tech Fellow, New York, USA   May 2024 – Present
- Guided 100+ students in C, Java, and Python, enhancing their technical interview skills.
- Debugged code and provided feedback, improving learning outcomes.
- Led discussions and offered support on Slack and Zoom.

Headstarter AI: Software Engineering Fellow, New York, NY   July 2022 – Present
- Scaled applications to 100+ users, optimizing user experience through A/B testing and Google Analytics insights.
- Collaborated with entrepreneurs globally to develop 5 full-stack applications using ReactJS, AWS, Flask, DynamoDB, and more, leading to successful project launches.
- Built a personal website, pantry management system, AI chatbot, flashcard SaaS, and AI-powered professor rating assistant, utilizing advanced tech stacks like Next.js, Firebase, and the Open AI API.

Blue Ribbon Bags: Data Processor, New York, NY   June 2023 – Present
- Managed high-volume data with SQL and Python, ensuring accuracy and integrity.
- Led data analysis, providing insights for decision-making.
- Maintained and updated databases for improved operations.

SECOMM: Frontend Developer Intern, Ho Chi Minh City, Vietnam   June 2023 - Aug 2023
- Developed web apps using HTML, CSS, React.js, and Typescript, improving functionality.
- Optimized code and resolved bugs, enhancing system performance.
- Implemented data and web runtime functionalities, ensuring seamless integration and operation.
- Delivered maintenance services, effectively resolving product bugs and ensuring customer satisfaction.

RELEVANT PROJECTS

Perfume Recommendation Engine | (Research Project at Columbia University)   Jan 2024 – May 2024
- Developed a full-stack web app using Python, Scikit-learn, Pandas, Beautiful Soup, and SQL
- Backend: Implemented a recommendation system with collaborative filtering for accurate perfume suggestions, handling data scraping, processing, and model training.
- Frontend: Designed dynamic user interfaces for personalized recommendations, allowing users to interact and see updates based on their evolving preferences.
- Ensured seamless integration between the frontend and backend for real-time recommendation updates.

Money Transaction Blockchain System   March 2024 - Present
- Backend: Built a secure transaction system using Python, Flask, and blockchain technology for reliable and encrypted financial transactions. Managed backend logic for transaction processing and data handling.
- Frontend: Developed dynamic interfaces using HTML, CSS, and JavaScript to enable user interaction with transaction features.
- Integrated blockchain reset functionality, ensuring smooth operations between frontend and backend systems.

TECHNICAL SKILLS

Programming Languages:	Java, Python, TypeScript, PHP, JavaScript, HTML, CSS, SQL
Frameworks & Libraries:	React, Node.js, Flask, Material-UI, Bootstrap, REST API, OpenAI API
Developer Tools:	Git, Docker, Google Cloud Platform, AWS, VS Code, PyCharm, IntelliJ, Eclipse
Data & DevOps:	Pandas, NumPy, Matplotlib, Beautiful Soup, Scikit-learn