BRADLEY HUNG

bradleyhung5570@gmail.com | linkedin.com/in/bradley-hung | github.com/bradleyhung | bradleyhung.vercel.app

EXPERIENCE

Handshake   November 2025 - Present
AI Fellow   New York, NY
- Developed AI-driven prototypes during timed technical sprints, utilizing systematic prompt engineering for high-quality outputs
- Analyzed model behavior to iteratively refine prompts, enhancing relevance and consistency across various challenge scenarios
- Documented experiment steps and reasoning patterns to ensure clarity and reproducibility of results

Develop for Good   November 2025 - Present
Product Designer   New York, NY
- Collaborated with clients and project managers to define feature requirements and presentation needs
- Developed user-centered artifacts like PRDs, wireframes, and high-fidelity prototypes
- Led user research and feedback discussions, presenting design rationale to clients for informed decision-making

Jupiter Leo Production LLC   June 2025 - August 2025
Software Engineer Intern   New York, NY
- Built a real estate multimedia suite with Bing AI (visuals) and Murf AI (voiceovers), cutting production time and manual effort by 60%
- Created interactive games using **HTML**, **CSS** and **JavaScript**, improving client engagement and learning outcomes
- Developed a property buying/selling simulation to boost engagement, increasing client session duration by 25%

PROJECT

StudyHub - Website
- Developed a full-stack RAG-based AI study assistant using **Nextjs**, **React**, **Flask**, **LangChain**, **ChromaDB**, and **HuggingFace embeddings** to deliver course-specific answers across 5+ CS subjects, reducing lookup time for study material by 60%
- Implemented a **retrieval-augmented generation pipeline** with ChromaDB and Mistral-7B via OpenRouter with conversation memory, prompt-injection protection, and custom prompt templates, improving response accuracy by 35%
- Deployed the **frontend on Vercel** and **backend on Hugging Face Spaces** with environment-based configs and secrets management, achieving **reliable, always-on hosting at zero cost**

PetPals - Website
- Built a full-stack pet adoption platform using **ReactJS**, **ExpressJS**, and **MongoDB**, enabling users to find ideal pet matches and fostering a community of animal lovers, which increased user engagement and interaction by 45%
- Conducted 80+ code reviews, providing feedback to improve code quality, enforce best practices, and enhance development standards
- Optimized project workflows by implementing **Agile methodologies**, improving team collaboration and communication efficiency by 20%, and establishing a framework for future revenue growth and customer acquisition

LEADERSHIP

City University of New York   January 2024 - Present
Generative AI Ambassador   New York, NY
- Facilitated interactive sessions for 200+ participants, boosting attendance by 150% through targeted outreach and engaging design
- Mentored participants during Generative AI hackathons, providing technical guidance and fostering innovative project development
- Enhanced workshop effectiveness by improving slide content and refining materials for future sessions, ensuring clarity and engagement

Cuny Tech Prep   October 2024 - May 2025
Ambassador   New York, NY
- Mentored 10+ peers and advocated for program participation, successfully driving a 12% increase in student enrollment across CUNY campuses by fostering a supportive and inclusive learning environment
- Organized and led outreach events, including workshops and info sessions, to educate prospective CUNY students about CUNY Tech Prep's focus on web development and data science, highlighting the program's hands-on projects and career preparation resources
- Designed and executed targeted social media marketing strategies on platforms such as LinkedIn and Instagram, significantly boosting audience engagement by 1100+ and doubling the number of applicants from Brooklyn College during recruitment efforts

TECHNICAL SKILLS

Languages: Java, C++, TypeScript, JavaScript, SQL, Python
Technologies: ReactJS, NextJS, NodeJS, ExpressJS, HTML, Tailwind CSS, Bootstrap, Firebase, MongoDB
Developer Tools: Git, Amazon Web Services, Microsoft Office Suite, Figma

EDUCATION

B.S., Computer Science, Brooklyn College, CUNY
Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Database Systems, Artificial Intelligence