MILES HALL

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EDUCATION

Loyola University Maryland - Baltimore*, MD*   Expected May 2027

Pursuing B.S. in Computer Science, minor in Finance

Hyman Science Scholar | GPA: 3.26

- **Honors**: Dean's List (Spring 2024)
- **Relevant Coursework:** Object Oriented Data Structures; Object-Oriented Software Design, Discrete Math, Intro to Linux

TECHNICAL SKILLS

- Proficient in Python, Java, JavaScript, NextJS, React, HTML, CSS, StripeAPI, Material UI, Firebase, Clerk, Tailwind CSS, Git, GitHub, Pinecone, Gemini LLM, Firebase Firestore, and RESTful API integration.

WORK EXPERIENCE

Headstarter   Virtual

Software Engineering Fellow   July 2024-September 2024

- Built 5+ AI apps and APIs using NextJS, Pinecone, and StripeAPI with 98% accuracy as seen by 1000 user
- Spearheaded end-to-end project development, implementing MVC design patterns to deliver five successful applications

Syljoy Cleaning   Parkville, MD

Business Development Intern   May 2023-Present

- Developed and implemented 5 marketing strategies, resulting in a 50% increase in client base over 12 months
- Enhanced client relationships by resolving 60% of inquiries within 24 hours and implementing feedback, leading to a 75% increase in client retention

PROJECTS

HuzzHub – Full Stack Developer

- Developed "Chill Guy," an AI-powered assistant designed to enhance conversations with humor, pickup lines, and wit.
- Integrated meme-based humor and AI functionality using Next.js, Firebase, and Gemini LLM for real-time interactions.
- Designed a user-friendly interface with Material UI, ensuring responsiveness across devices.

LebronAI – Backend Developer

- Created a chat interface where users can have real-time conversations with an AI that mimics LeBron James.
- Used Next.js, Firebase, and Gemini LLM to handle messaging and data, with a clean interface built using Material UI.

Inventory Manager – Full Stack Developer

- Built a dynamic inventory management system with real-time updates using Next.js and Firebase Firestore
- Designed an intuitive UI with Material UI, featuring search, add, and remove functionalities.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow   Washington DC

Career Preparation Fellow   January 2025 - Present

- Accepted into a selective 18-month professional development program for high-achieving diverse talent
- Complete business case studies and assignments to grow leadership and technical skills
- Attend conferences hosted by industry leaders, such as Deloitte, LinkedIn, and Target

ColorStack @ LUM   Baltimore, MD

Public Relations Specialist   October 2024 – Present

- Organized and facilitated 7+ workshops for 30+ tech majors, focusing on career development and academic growth, with 95% positive feedback from attendees
- Promoted 2 technical skill-building sessions in Data Structures and Technical Interview Preparation resulting in a 50% increase in student participation and a 50% improvement in reported industry readiness.
- Coordinated with three faculty members and two industry professionals to create three networking events, resulting in internship offers and long-term professional relationships

Loyola University Maryland - ALANA Mentoring Program   Baltimore, MD

AMP Mentor   September 2024 – Present

- Supported the objectives of the ALANA Mentoring Program by collaborating with mentors and maintaining bi-weekly contact with assigned mentees.
- Assisted mentees in their academic and personal growth, encouraged participation in cultural programs, and provided moral support for a positive university experience.

SEO Career   Virtual

SEO EDGE Participant   August 2024 – Present

- Receive coaching and online instruction to achieve targeted interview, technical, and professional developmental goals
- Engaged in intensive career preparation activities, including workshops on technical skills and professional development,