hyattc@cmu.edu

Portfolio: connorhyatt.com

Connor Hyatt

GitHub

LinkedIn

EDUCATION

Carnegie Mellon University, Pittsburgh, PA   Expected May 2027
Major: Bachelor of Science in Information Systems   GPA: 3.8/4.0
Minor: Machine Learning
Activities: Data Science Club, Undergraduate Consulting Club, Japanese Association, Club Volleyball Team

SKILLS

Programming Languages: Python, SQL, Java, HTML, CSS, JavaScript
Frameworks & Tools: Pandas, Tableau, Excel, Powerpoint, R, OpenCV, NLTK, Agile, Adobe Ps, ERP
Developer Tools: Git/Github, MySQL, PostgreSQL, VSCode, Eclipse, Figma, Jupyter Notebook
Languages: Native English, Conversant Japanese, Classroom Spanish

INTERNSHIPS: CARNEGIE MELLON UNIVERSITY

CMU's Heinz College Extended Reality Lab and Lending Library
Full Stack Developer | Pittsburgh, PA   Summer 2024
- Engineered a fully operational website optimizing the user interface to facilitate equipment reservations and rentals
- Designed and implemented a PostgreSQL database system to track users and equipment usage, to organize database management and enable detailed usage analytics
- Leveraged agile methodologies with an interdisciplinary team to ensure timely project delivery

CMU: Cybersecurity Ideology Research
Cybersecurity Analyst | Pittsburgh, PA   Summer 2022
- Specialized in secure data transportation and using Python. Managed and processed large datasets of JSON and CSV file formats to ensure the safe and efficient transfer to other teams of researchers
- Introduced data validation checks, optimized data pipelines as a member of both analytics and visualization teams

AWARDS

Team Leader & Project Manager   October 2024
- Won $500 first place at the 2024 Pittsburgh ALPFA Business Case Competition sponsored by Deloitte, PNC, & BNY

Dean's List with Honors   Fall 2023 & Spring 2024
- Recognized every semester for outstanding academic performance of a 3.75 GPA or better

ACADEMIC PROJECTS: BUSINESS AND TECHNOLOGY

Ferretti Yachts, USA – Information Systems Analyst
Database Design | Data Analytics   Spring 2024
- Designed and implemented a MySQL database preserving data integrity to support decisions in luxury yacht sales
- Conducted data analytics to identify key sales trends and customer preferences, presenting actionable insights and strategic business intelligence recommendations to several locations worldwide for growth and management

Social Media Sentiment Analysis
Python Data Analytics   Spring 2024
- Developed algorithms to scrape, clean, and statistically analyze thousands of social media messages with data mining targeting U.S. politicians, focusing on sentiment scores and ideological trends using Pandas & NLTK
- Created data visualizations with Matplotlib to illustrate beliefs grouped by state, hashtag, and political party

Raycasting Game with Computer Vision
Python Game Development   Spring 2024
- Created a custom raycasting 3D environment with Pygame for using OpenCV, incorporating advanced image processing techniques for real-time laser pointer detection to control player movement
- Optimized performance with efficient vector and matrix operations to enable smooth gameplay

LEADERSHIP, COMMUNITY SERVICE, AND BUSINESS EXPERIENCE

Team RobotiX, Co-Founder & Board Member
STEM Education Advocate | Pittsburgh, PA   2021-Present
- Co-founded a 501 (c)(3) nonprofit organization dedicated to providing STEM education to K-8 students for community development, reaching over 6,000 participants annually; Gained Project management skills leading workshops and outreach events, significantly expanding access to educational resources to Pittsburgh students