

VANIA CRYSTAL HALIM

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EDUCATION

Carnegie Mellon University	B.S Artificial Intelligence & Information Systems + Business Analytics & Optimization	Dec 2024
Imperial College London Business School	Business Analytics + Consulting & Strategy	May – Jul 2022
University College London	Data Science and Analytics + Digital Business Transformation	Jul – Aug 2024

WORK EXPERIENCE

Tech Consultant & Software Developer @ Centre for Organ Recovery & Education (IS Consulting Project)	Jan – May 2024
<ul style="list-style-type: none">Streamlined the employee onboarding and offboarding pipeline by developing a full web-based application and SQL databaseAutomated the creation of Active Directory accounts with Powershell and other web-based accounts using SeleniumEstablished API integrations that sped up the signing of hospital-related documents on DocuSignCreated comprehensive documentation for the IT team to replicate and maintain the above solutionOversaw the entire project lifecycle from initial consultation with client to final User Acceptance Testing	
Chief Marketing Officer @ Capital Grains CMU	May – Aug 2024
<ul style="list-style-type: none">Spearheaded marketing initiatives for CMU's first student-run restaurant startup businessIncreased social media following by 300%, strengthened branding and customer loyaltyDeveloped on-the-ground outreach activities, liased with Compass Group (largest foodservice company in Europe)	
Data Engineer Intern @ Infocomm Media Development Authority Singapore	Jun – Aug 2023
<ul style="list-style-type: none">Developed an automated data pipeline from data sourcing to cleaning and transformation to visualizationConducted research on GenAI's implications on the work landscape	
Teaching Assistant (15-112 Fundamentals of Programming & Computer Science)	Aug 2023 – May 2023
<ul style="list-style-type: none">Head of student support division; wrote extra practice content, coordinated weekly small group sessions for weak studentsMentored >20 students in developing their own Python-based applications (800-1000+ lines of code)Taught large group sessions (quiz prep, quiz solution) with 200+ studentsHeld weekly recitations and office hours; built students' knowledge from basics to recursion and algorithms	
Data Science Intern @ Esme Learning (Ed-Tech startup)	May – Aug 2022
<ul style="list-style-type: none">Developed a text analysis model using machine learning methodsImplemented a machine learning flow for targeting business questions and improving internal processes	
Tech Consultant and Project Manager @ re:Bloom (Non-profit organization)	Aug 2021 – May 2022
<ul style="list-style-type: none">Planned, oversaw and lead team's project to completion while maintaining close communication with clientsUtilized Figma and Wix to develop web applications to increase sales for local, women & minority-owned businesses	

ACTIVITIES

Girls Who Code CMU Executive Board Member	Present
<ul style="list-style-type: none">Grew member count by 200%, organized outreach events to empower young girls to learn technical skills	

SKILLS & CERTIFICATIONS

Oracle Cloud Infrastructure 2024 Generative AI Certified Professional | AWS Solutions Architect Associate | Neo4j & LLM Fundamentals | Python, C, HTML/CSS, JavaScript, SQL, Selenium, Ruby on Rails, LaTeX, Radzen | Figma, Canva