

Henry Hua

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PROFILE

Motivated and enthusiastic graduate with a dual Computer Science and Data Science degree from the University of Western Australia. Strong passion for technology and data analysis. Fast learner with strong problem-solving skills, teamwork, leadership, and project management abilities. Adaptable and confident in delivering innovative solutions to complex problems. Aim to deliver high-quality products through personal experiences gained from past projects and internships. Excellent analytical and problem-solving skills and a team-oriented approach make me an asset to any organization seeking a skilled software developer.

EDUCATION

The University of Western Australia, Crawley, WA

February 2021 - December 2023

Bachelor of Science – BS, Computer Science

- GPA: 6.0 / 7.0 WAM: 74.48
 - UWA Global Excellence Scholarship
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SKILLS

- **Soft skills:** fast learner, problem-solving, teamwork, leadership, project management, adaptable
 - **Technical skills:** Java, Python, Maven, RESTful web services, Git, Database (SQL and NoSQL), MongoDB, Back-End Web Development, Software Development, Object-Oriented Programming (OOP), Software System Engineering, Linux, Flask, Nodejs, Angular, GraphQL
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LICENSES & CERTIFICATIONS

- **Angular Essential Training** - LinkedIn February 2024
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INTERNSHIP

Neurological Council of WA, Nedlands, WA

February 2023 - May 2023

SharePoint Developer

- Cooperated in SharePoint development project, including requirement analysis, design, coding, and testing phases
- Analyzed business requirements and crafted software requirement specifications
- Produced technical documents, including deployment guides and user manuals
- Transformed information sharing by designing and implementing an MS SharePoint
- Constructed Document Management System (DMS) with metadata categorization and personalized permissions for different groups of users

- Identified software defects in both pre-and post-go-live phases
- Partnered with technical and non-technical staff and contractors at various levels

GaraSTEM, HCMC, Vietnam

September 2020 - March 2021

Internship Trainee

- Engaged in development of a robotics program as an Intern Trainee
- Trained STEM students for contests and national competitions
- Acquired valuable event coordination and management skills, streamlining processes and increasing overall event

PROJECTS

Monetize.ai: AI-Powered Financial Advisory Assistant

March 2023 - July 2023

GitHub repo: <https://github.com/KhanhHua2102/Monetize.ai>

App link: <https://monetizeai-07073da0ee15.herokuapp.com/home>

Monetize.ai is an innovative web-based chatbot application that utilizes the powerful davinci_003 and gpt-3.5 language models. Integrating with financial APIs provides highly accurate and up-to-date personalized financial advisory services. Overcoming the limitations of traditional chatbots, Monetize.ai ensures that users have access to the latest financial data for managing their investment portfolios efficiently.

- Designed and implemented the backend using Flask and SQLite, ensuring secure data management and efficient query processing
- Implemented robust authentication mechanisms to guarantee secure login and sign-up functionality for users, enhancing the platform's security posture
- Utilized HTML, CSS, JavaScript, and Bootstrap for client-side development, ensuring a responsive and intuitive user experience
- Documented project specifications, API integrations, and development
- Implemented Agile methodologies to streamline development cycles, ensuring timely delivery of features and enhancements to meet user needs effectively

Corpus App for Programming Competitions (ICPC, ANZAC)

July 2023 - November 2023

GitHub repo: <https://github.com/KhanhHua2102/Programming-Competitions-CorpusApp>

The Corpus App serves as a comprehensive solution for managing coding problems in the context of setting up programming competitions. It offers a user-friendly platform for uploading, storing, accessing, and exporting coding problems. This functionality significantly simplifies the task of competition preparation and administration.

- Leveraged Node.js and MongoDB for backend development, ensuring efficient data storage and retrieval through APIs for the Corpus App.
- Utilized GraphQL for efficient querying and manipulation of data, enhancing performance and flexibility within the applications.
- Contributed to the documentation of project specifications, APIs, and development processes with the clients to streamline collaboration and knowledge sharing among team members.

WORK HISTORY

PTC Phone Tech & Comm, Midland, WA

April 2022 - Present

Sale/Technician

Ensure top-notch customer service and technical support to boost sales of phone accessories and repair services, enhancing customer satisfaction and store success.

- Collaborate with team members to reach sales targets using effective up-selling, cross-selling, and promotions
- Deliver technical support for phone accessories and repair services, ensuring prompt resolutions and satisfied customers
- Diagnose and troubleshoot technical issues using specialized methods and expertise
- Perform customer-focused repairs, providing high-quality results and durable solutions

TEKY ACADEMY, HCMC, Vietnam

April 2021 - March 2022

Teaching Assistant

Supported lead teacher coaching top-notch STEM education for K-8 students, fostering academic growth and engagement.

- Assisted in developing and executing lesson plans alongside lead teacher
- Crafted engaging classroom lessons and homework materials for students aged 7-15
- Guided students in learning by answering questions and offering constructive feedback
- Instructed students on software and digital tool usage for enhanced learning and creativity

VOLUNTEERING

WA Volunteer 2023

February 2023 - May 2023

- Awarded by Government of Western Australia – Department of Communities for volunteering internship at the Neurological Council of Western Australia

REFEREES

Nicole Phan

Store Manager PTC Phone Tech & Comm Midland Gate
0410 567 490
phuongphan74@gmail.com

Etta Palumbo

CEO Neurological Council of Western Australia
Contacts on request