Carlo Antonio Taleon

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EDUCATION

West Visayas State University　　　　　　　　　　　　　　　　　　　　　　　Jun 2023

B.S. Computer Science, Artificial Intelligence major
- GWA **1.12/1.00** (2nd Highest in the University)
- **Summa Cum Laude**

WORK EXPERIENCE

Software Engineer Trainee　　　　　　　　　　　　　　　　　　　　　　　Jan - May 2023

Spring Valley Tech Corp. (Bago City, Philippines)
- Led a team of 5 developers as the Tech Lead in a startup project encompassing a mobile app, an admin dashboard, and a backend service.
- Automated the API documentation workflow which improved productivity by **200%**.
- Tech Stack: Flutter, React.JS, Next.JS, TypeScript, tRPC, PostgreSQL, Prisma

Software Developer (Contract)　　　　　　　　　　　　　　　　　　　　　　　Jan 2023

Cheko (Iloilo City, Philippines, Remote)
- Integrated an Artificial Intelligence chatbot for the web app written with Ruby on Rails.
- Tech Stack: Ruby, Ruby on Rails, JavaScript

RELEVANT PROJECTS

ScolioVis *https://scoliovis.app/*　　　　　　　　　　　　　　　　　　　　　　　2022
- A machine learning and computer vision web app for automatically assessing x-ray images of scoliosis patients.
- Trained a Keypoint RCNN model that to predicts cobb angles (the measure for scoliosis severity) at **91.03% accuracy**, which is a **12% increase in accuracy** compared to the first-prize winner in the AASCE 2019 Grand Challenge.
- Tech Stack: Typescript, React.JS, Next.JS, TailwindCSS, Python, FastAPI, PyTorch, Vercel, Railway, Google Colab

LinkRoom *https://linkroom.vercel.app/*　　　　　　　　　　　　　　　　　　　　　　　2021
- Launched a link-saving platform similar to Link Tree for neatly organizing multiple links in one place for easy access.
- Used by **15+ students, project managers, and developers** to improve their productivity.
- Tech Stack: React.JS, Next.JS, TailwindCSS, TypeScript, Zustand, Vercel

Cafe.ly *https://cafely.vercel.app/*　　　　　　　　　　　　　　　　　　　　　　　2021
- Lead a team of 6 students to develop a full-stack coffee product review application using the MERN stack deployed on Vercel serverless functions at a timeline of 3 months.
- Tech Stack: ReactJS, TailwindCSS, Firebase, MongoDB, Express, Vercel

TECHNICAL SKILLS

• Languages:	**TypeScript**, JavaScript, Dart, Python, C#, C++, SQL, HTML, CSS
• Web & Mobile:	**React.JS**, Next.JS, TailwindCSS, SaSS, Redux, Flutter, React Native
• Backend & Databases:	Node.JS, Express, Socket.io, FastAPI, Flask, Prisma, GraphQL, tRPC, MongoDB, MySQL, PostgreSQL, Firebase, CockroachDB
• Infrastructure & CI/CD:	Linux, AWS S3, DigitalOcean, Linode, Vercel, Docker, Git
• Machine Learning:	Keras, Tensorflow, PyTorch, Google Colab

AWARDS

3rd out of 32 teams – Philippine Startup Challenge 7 Regional Pitching Competition　　　Oct 2022
- Pitched my small startup, LinkRoom for a competition organized by the Department of Information and Communications Technology (DICT) Region 6.
- Earned a special award for Best Video Presentation.

Best Paper and Best Presenter – Ateneo de Iloilo Research Conference 2019　　　　　　Mar 2019
- Created an instructional chemistry game to teach and practice electron configuration to Grade 11 students and was chosen to present to a high school research conference.