

Curriculum Vitae

Education

- Aug 2021 – **Science**, VNU-HCM High School for the Gifted, Ho Chi Minh City, Vietnam.
May 2024 CGPA: **9.5/10.0** (Top 2% of graduating class).
Member of Expert Department, ChessNK Club.
Member of PTNK STEAM Club.

Work Experience

- Nov 2023 – **Technical Advisor**, Zaiwen (Tsinghua University), Ho Chi Minh City, Vietnam (Remote).
present
 - **Description:** Developing zaiwen.top - an education technology website that serves 100K+ users. The site allows full utilization of NLP capabilities through a variety of powerful API interfaces.
 - **Responsibilities:**
 - Implement Poe API Wrapper and scale GraphQL queries.
 - Refactor and write unit test for the codebase to ensure code quality.
 - Improve the platform via swift issue resolution and reviewing documentation.
 - Work directly with back-end team to design, set up CI/CD pipelines and integration.

May 2023 – **Full Stack Developer**, Nhà Anh Ngữ, Ho Chi Minh City, Vietnam (Remote).
present
 - **Description:** Developing Nhà Anh Ngữ and its Learning Management System (LMS) - a web app for students to access course materials, interact with instructors, and track learning progress.
 - **Responsibilities:**
 - Communicate with customers and analyze their demands.
 - Increase user engagement by 15% by designing client-tailored and user-centric UI/UX.
 - Reduce loading times by 30% by implementing optimized back-end services.
 - Deploy and maintain the web service, ensuring smooth operation for over 130 students.

Honors & Awards

- Aug 2023 **4th Place, The 29th National Young Informatics Contest.**
Jul 2023 **1st Place, The 29th Regional Young Informatics Contest.**
Oct 2022 **Champion, The 2022 Youth Makers**, a Robotics competition sponsored by NTU Singapore, TRANSINEX Pte.Ltd, and GaraSTEM.
Sep 2022 **Top 40, National Robotics Tournament 2022**, with VEX IQ by STEAM for Vietnam.
Feb 2022 **2nd Place, "Unlock Your Potential"**, a math competition hosted by Math Wars Project with the participation of over 100 candidates.

Technical Skills

Programming & Markup Languages	Python, C, JavaScript/TypeScript, HTML, CSS/SCSS, Markdown, PowerShell
Frameworks & Libraries	Bootstrap, Django, Flask, GitHub Actions, Gunicorn, NumPy, OpenCV, Pandas, scikit-learn, TensorFlow
Databases & Cloud Hosting	Firebase, GitHub Pages, Heroku, MySQL, PostgreSQL, PythonAnywhere, Repl.it, SQLite, Vercel
Software & Tools	Codepen, Git, Sheets, Jira, Jupyter, Slack, Trello, Visual Studio Code

Personal Projects

Aug 2023 – **Poe API Wrapper** (★ 460 🍴 62)

present

- **Description:** A reverse-engineered Python API wrapper for Poe.com.
- **Technologies:** Httpx, Websockets, GraphQL.
- **Highlights:**
 - Developed and maintained a Python library with over 4,000 monthly downloads, providing ease of access to ChatGPT, Claude, Llama2, Google-PaLM2 and much more.
 - Published package on PyPi allowing simple installation, benefiting numerous NLP projects.
 - Supported the community via issue resolution and documentation, enabling hundreds of fellow developers to utilize the API.
 - [View project](#)

Oct 2022 – **coDestress – AI Mental Health Assistant**

Apr 2023

- **Description:** A web application for personalized mental health support and music therapy.
- **Technologies:** AJAX, jQuery, Websockets, Django Channels, OpenCV, PostgreSQL, Spotify Web API, Spotify iFrame API, Youtube Music API, ResponsiveVoice Text-to-speech API.
- **Highlights:**
 - Leveraged AI algorithms to analyze stress levels and provide real-time insights.
 - Acquired knowledge of DevOps practices, coding conventions, and design patterns.
 - [View project](#)

Jun 2022 – **High School Management System**

Aug 2022

- **Description:** A responsive web app for my High School with minimalistic design.
- **Technologies:** AJAX, jQuery, Bootstrap, Django REST Framework, SQLite.
- **Highlights:**
 - Implemented modules for Result Management, Student Management, Blog with a flexible commenting system, Document Library, and Authentication.
 - [View project](#)

Summer 2021 **A Tale Of Nightmare**

- **Description:** An indie game featuring bullet-hell gameplay with captivating soundtracks.
- **Technologies:** HTML, CSS, JavaScript.
- **Highlights:**
 - Created during a Summer BootCamp, inspired by "Touhou Project" and "No Humanity".
 - Proficient in front-end technologies: HTML, CSS, JavaScript.
 - [View project](#)

Certifications

Python Developer (Django)

Issued Sep 2022, Issuing authority
HCMC University of Science, Information Center
[See credential](#)

STEM: Education and Emerging Career Opportunities

Issued May 2023, Issuing authority
Samsung, Solve for Tomorrow 2023
[See credential](#)

Pastimes & Activities

- I enjoy expanding my knowledge through books, tech blogs, and online communities like Medium and Quora in my free time.
- Customizing my VSCode, Nvim, Termux config and workflows to optimize productivity.
- Chess has been a passion for years - I play rapid matches and solve puzzles weekly on Lichess at 1900 rating.
- Weekly basketball with friends balances work while keeping me active.