Chan Dinh

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EDUCATION

- **Seminole State College | Sanford, FL** ***Cumulative GPA:*** 4.00
- **President's List Spring, Summer, Fall 2024**
- **Relevant Coursework**: Programming in Java, Calculus I, Statistical Methods I.

RELATED EXPERIENCE

Mathematics Tutor
Seminole State College | Part-time *January 2025 – Present*

- **Provided** one-on-one and group tutoring to college students in **algebra, trigonometry, and statistics**.
- **Coordinated** with faculty and fellow tutors to align **support strategies** with course objectives and student needs.
- **Organized** review sessions before exams, increasing attendance and generating **positive feedback**.

Mathematics Data Annotator
Highbrow Technology Inc | Contract *November 2024 – January 2025*

- **Reviewed** and **annotated** mathematical datasets to enhance the **quality** and **precision** of AI models for computational understanding.
- **Collaborated** with a global team to ensure **consistent formatting** and **accuracy** across annotations for complex mathematical problems.
- **Streamlined** annotation processes, **reducing error rates** by **15%** and **contributing** to the successful deployment of AI algorithms in educational tools.

PROJECT EXPERIENCE

Project Pæmon | *Nosu AI Hackathon* **|** *Best Personal Project (CodeBuff)* *January 2025 – February 2025*

- **Co-developed** Project Pæmon, a Pokémon-inspired AI web app that generates personalized digital companions based on user personality traits.
- **Led integration** between the **front-end** (Next.js) and **back-end** (OpenAI GPT-3.5, Stable Diffusion), serving as the **backbone** connector that ensured seamless communication and data flow.
- **Collaborated** with a global team across time zones, combining **AI, UI/UX**, and audio technologies into a **nostalgic, interactive experience**.

Image Classification for a City Dog Show | *Python* | *AI & Deep Learning* *October 2024 - Present*

- **Used** a pre-trained PyTorch-based **to classify** dog breeds **and filter out** non-dog entries.
- **Evaluated performance** of different **CNN architectures** (AlexNet, VGG, and ResNet) to **determine** the **most accurate model** for dog breed identification, **balancing** accuracy with computational efficiency.
- Measured each model's **runtime** and **accuracy**, **analyzing** challenges in distinguishing similar dog breeds.

SKILLS

- **Programming Languages & Frameworks:** Python, Java, JavaScript, HTML, CSS, Node.js, React.
- **Tools & Databases:** MySQL, MongoDB, Git, GitHub, AWS, Heroku, Docker, Google Cloud Run.

LEADERSHIP & INVOLVEMENT

Top 5 Individual | Intercollegiate Programming Competition *April 2025*

- **Represented Seminole State College**, which placed **1st** overall among all participating institutions.

Member | Phi Theta Kappa Honor Society (PTK) *Inducted 2024*

- **Recognized** for academic excellence and leadership potential.

CERTIFICATIONS

- **AI Programming with Python Nanodegree, Udacity.**
- **Microsoft Office Specialist Certificate** (Excel, Word, PowerPoint, Access)