

# TRONG DO HUY HOANG (PETE)

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## SOFTWARE ENGINEERING – ARTIFICIAL INTELLIGENCE

### QUALIFICATIONS

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Motivated and detail-oriented software engineering – Artificial Intelligence student with strong foundation in machine learning, data science, and software development. Skilled in implementing and optimizing AI-driven solutions, with hands-on experience in Python, C++, and modern AI framework. Recognized for problem solving, teamwork, and delivering value in both academic and industry projects.

### SKILLS SUMMARY

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- **Programming Languages & Tools:** Python, C++, JavaScript, SQL, HTML, C#
- **AI & ML Frameworks:** TensorFlow, Hyperopt, XGBoost, PyTorch
- **Software Development:** Visual Studio, VS Code, SQL Developer, Git, Docker, JetBrains
- **Data & Analytics:** Pandas, NumPy, Matplotlib, Jupyter
- **Soft Skills:** Analytical Thinking, Problem Solving, Team Collaborations, Time Management
- **Collaboration & Teamwork:** Experienced in working in teams of 2–6
- **Other Skills:** Agile Development, UI/UX Basics

### EMPLOYMENT EXPERIENCES

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#### I3 Automation Company Ltd (NamiQ AI) - Data Science & Machine Learning Intern

May 2025 – July 2025

- Completed a 2-month internship focused on data analysis and machine learning projects
- Wrote Python code to process large scale financial data, supporting key business decisions.
- Conducted in-depth financial data analysis to extract insights and optimize trading strategies.
- Contributed to the optimization of hyperparameters for machine learning predictive models using Hyperopt and XGBoost.
- Delivered work that supported the team's objectives and added meaningful value to ongoing projects.
- Demonstrated professionalism, creativity, and teamwork, working effectively with both team members and supervisors.

#### Toronto Waterfront Marathon – Volunteer

Oct 2023 – Feb 2024

- Coordinated and distributed water to runner and supported event logistic during the marathons.
- Strengthened organizational and teamwork skills in a fast paced, high pressure environment.

### EDUCATIONS

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#### Centennial College, Toronto

Sep 2024 - Present

*Diploma in Software Engineering – Artificial Intelligence (In Progress)*

#### High Schools, Vietnam/Canada

Sep 2016 – Jun 2024

**Vietnam:** Australian International School

**Canada:** Monarch Park Collegiate, Toronto

*Focus: Computer Science, Mathematics*

*IELTS Academic*