

Anh-Thi Dinh

Vietnamese Mathematician, Developer & Autodidact

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Q I'm looking for

Data Scientist / Engineer.

Data Science

I've been learning by myself Machine Learning & Data Science.

- **Machine Learning.**
 - Machine Learning course taught by Andrew Ng on Coursera.
 - Book "The Elements of Statistical Learning" by Trevor Hastie et al.
- **Data Scientist.**
 - Data Scientist path on Dataquest.
 - Course "IBM Data Science Professional Certificate" sur Coursera.

Portfolio

Some simple projects I've done when I've learned Machine Learning and Data.

- **Simple Machine Learning applications.** given by Coursera.
 - Recognize hand-written digits.
 - Email spam classification.
 - Image compression.
 - Recommender systems.
- **Simple projects in Data Science.** Given by Dataquest.
 - Exploring Hacker News posts.
 - Exploring Ebay car sales data.
 - Visualizing earnings based on College Majors
 - Investigating relationships between SAT scores and demographic factors

</> Programming

Matlab & Calcul numérique	●●●●●●
Git	●●●●●●
HTML, CSS, JS, Bootstrap	●●●●●●
PHP & Wordpress & MySQL	●●●●●●
Python	●●●●●●
Pandas & NumPy & Matplotlib	●●●●●●

✿ I also know

- **Web design.** 3 Jekyll themes & 1 Wordpress theme.
- **Web development/management.** Admin of Math2IT, a Vietnamese community about math, education and technology.
- **Numerical Analysis.** My PhD's project is in this field. I built by myself NXFEM toolbox based on Matlab for working with interface problems and Finite Element Method.

🎓 Education

- **Doctor** in Applied Mathematics
Paris 13 University
- **Master** in Applied Mathematics
François Rabelais U. & Paris 13 U.
- **Bachelor** in Pedagogy & Applied Mathematics
Ho Chi Minh City Pedagogical U., Vietnam

🏛️ PhD Research

I researched on the growth of biofilm by using Finite Element Method. For the implementation, I used FreeFem++ and NXFEM toolbox.

📅 2014 - 2018

📍 Paris 13 University

- **3 presentations** about biofilm growth model & numerical methods & application of FreeFem++.
- **6 conferences** about biofilm & biology & numerical methods.
- **1 additional project** proposed by IFPEN in 11th Semaine d'Étude Maths-Entreprises.

🗣️ Languages

Vietnamese	●●●●●●
English	●●●●●●
French	●●●●●●

🔧 Strengths

Hard-working	Group working	
Cooking	Writing	Drawing

🔗 References

- **My certificates.** bit.ly/ThiCertificates
- **My projects in Data Science.** bit.ly/ThiDataScienceLearning
- **Other projects.** github.com/dinhanhthi