Anh-Thi Dinh

Vietnamese Mathematician, Developer & Autodidact

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🔍 I'm looking for

Concepteur Big Data – Intelligence Artificielle.

🗄 Data Science

I've learned 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

</> Programmation

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 & numrical 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