

Anh-Thi Dinh

Vietnamese Mathematician, Coder, Artist & Autodidact

✉ me@dinhhanhthi.com ☎ +33 (0)6 05 92 62 03 🔗 https://dinhhanhthi.com in linkedin.com/in/dinhhanhthi
📄 github.com/dinhhanhthi 📍 Villetaneuse, France



Data Scientist

I've started to learn to be a data scientist from the field of numerical analysis. My **learning progression & certificates** are frequently updated on my personal website.

📅 2018 - ongoing 📍 Paris, France

- **2018 - ongoing.** Learning Data Science
I'm following the path Data Scientist on Dataquest and reading some books about Data Science as well.
- **2018 - ongoing.** Learning Machine Learning
I have almost finished the course ML by Andrew Ng on Coursera. I've also been reading the book Introduction to Statistic Learning by Gareth James et al.
- **Fall 2017 - ongoing.** Learning Python for Data Science
I have finished some fundamental & intermediate courses on Datacamp & Dataquest. I also watched carefully course CS50 (HarvardX) and Corey Schafer's tutorials. I am studying for the upper level of Python, especially on toolboxes for Data Science.

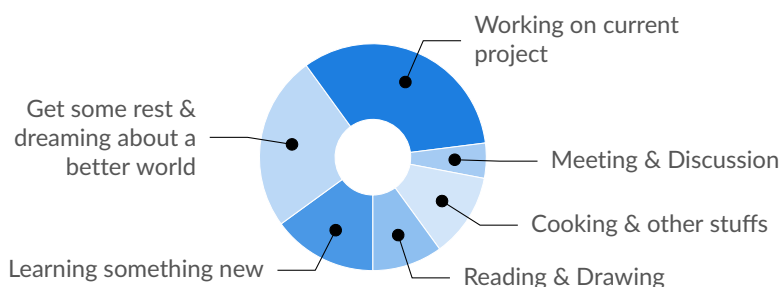
Web development

I've totally learned by myself, created website Math2IT and designed some Jekyll themes.

📅 Fall 2012 - ongoing 📍 Vietnam & France

- **2014 - ongoing.** Wordpress & Jekyll.
Website Math2IT was rewritten in Wordpress. I also started to learn about Jekyll and designed by myself NoteTheme and TaniaJekyll templates.
- **2013 - 2014.** Blogger & Web master.
I created Math2IT under Blogger platform and was building up my knowledge about web development.
- **2012.** Self-studying about Web-development (HTML, CSS, DOM, JS, PHP & MySQL, HTTP Live Streaming)
I have started to learn all of them from the beginning since the project "Distance learning applied HTTP Live Streaming technology on Windows platform". It's my bachelor's graduation thesis.

A current day of my life



★ Most Proud of

👥 **Math2IT**
I created this community/website for Vietnamese people to discuss and share about math, \LaTeX , education and technology. (fb.com/math2it)

🌐 **dinhhanhthi.com**
It's my personal website where I share about intuitive math, tutorials and computer science. I write & design by myself this site.

📄 **mynote.dinhhanhthi.com**
I use this place to take notes all of what I have studied.

🎓 Education

Autodidact in Data Science
Self-taught, Dataquest, Books
📅 2018 - ongoing 📍 France

PhD. in Applied Mathematics
University of Paris 13
📅 2014- 2018 📍 France

Master in Applied Mathematics
University of Tours
📅 2012 - 2013 📍 Vietnam & France

Bachelor in Pedagogy & Applied Mathematics
HCM University of Pedagogy
📅 2008 - 2012 📍 Vietnam

</> Programmation

Matlab ●●●●●●
Python ●●●●●●
FreeFem++ ●●●●●●
HTML, CSS, Bootstrap ●●●●●●
Web-development ●●●●●●
Git & Github ●●●●●●

🌐 Languages

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

PhD Research

I researched on the growth of biofilm by using Finite Element Method. For the implementation, I used FreeFem++ and built for myself NXFEM toolbox written in Matlab.

 2014 – 2018

 University of Paris 13

- **11 - 16/12/16.** Attending the anniversary conference of "10 years of French-Vietnamese master in applied mathematics" at ICISE, Vietnam

This is a chance for students and professors in this program to communicate to each other.

- **25/01/16.** Attending the third meeting about Maths, Biology and Medicine of Université Sorbonne Paris Cité at University Paris 13, France.

My talk's topic "Finite element approximation of the biofilm growth model".

- **15 - 16/12/15.** Attending the seventh workshop on Generic Solvers for PDEs: FreeFem++ and its Applications at University Paris 6, France.

My talk's topic "Simulating some interface problems with FreeFem++."

- **12 - 13/10/15.** Attending the workshop "Workshop sur la modélisation de biofilms" at Rouen, France.

My talk's topic "Simulation de la croissance d'un biofilm".

- **13 - 17/10/14.** Attending the 11th "Semaine d'Étude Maths-Entreprises" at Rouen, France.

Working on the topic "Schéma numérique pour la récupération assistée du pétrole par des procédés chimiques" proposed by IFPEN.

- **07 - 11/07/14.** Attending the biology summer school at Luminy, Marseille, France.

I had a chance to learn about biology from the fundamental. It helps me much on my research topic.

- **10 - 13/06/14.** Attending the biofilm summer school "Models for bacterial biofilms formation : mathematical, physical and biological perspectives" at Nice, France.

I met many scientists who are working on biofilms topic and I discussed a lot with them.

Learning Math

I have learned math since the beginning of my study life and keep writing about math under an intuitive way.

 2005 – ongoing

 Vietnam & France

- **2014 – 2018.** Ph.D. student at University Paris 13.

I keep working on the biofilm's life with a higher level. I used Finite Element Method coupling with FreeFem++ and Matlab to simulate the life of biofilm. NXFEM toolbox was born at that time.

- **2012 – 2014.** Student of France-Vietnam Master 2 program.

I studied 6 subjects with different fields (including Numerical Analysis, Statistics, PDE,...). At the end of the program, I took an internship at U.Paris 13.

- **2008 – 2012.** Student of Department of Mathematics , HCM City University of Pedagogy.

I learned a lot of Maths topics and how to become a Maths teacher.

- **2005 – 2008.** Student of Ben Tre high school for gifted students.

I learned about advanced Math on high school.

Strengths

Hard-working

Group working

Work organization

Cooking

Writing

Drawing

Certificates

Some of them are obtained when I'm on my way to Data Science.

 2011, 2018 – now  France

- Fundamental & Intermediate Python for Data Science by DataCamp.
- Python programming: Fundamental & Intermediate by Dataquest.
- Pandas & NumPy & Data Visualization by Dataquest.

Referees

Find me on other services,

- **HackerRank.** bit.ly/thi_hackerrank
- **Dataquest.** bit.ly/thi_dataquest
- **StackExchange.** bit.ly/thi_SE
- **Goodreads.** bit.ly/thi_goodreads