

# Vinhthuy Phan

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## Professional Appointments

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- **University of Memphis, TN**  
Associate Professor, Dept. of Computer Science  
August 2010 to present
- **University of Memphis, TN**  
Associate Chair, Dept. of Computer Science  
August 2016 to August 2021
- **University of Memphis, TN**  
Assistant Professor, Dept. of Computer Science  
August 2003 to August 2010

## Education

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- **Ph.D. Computer Science**  
Stony Brook University, 2003
- **B.S. Computer Science and Mathematics**  
Brandeis University, 1998  
*Summa Cum Laude*

## Grants & Awards

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- **Training TAs to Provide Effective Feedback**  
CoPI, NSF Grant, \$394,632 (2021-2023)
- **Pat Burlison Professorship Award**  
College of Arts and Sciences, Univ. of Memphis (2018)
- **Analysis of Gene Expression**  
PI, NSF Grant, \$280,000 (2013-2017)

## Reference

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The full CV is available at [vtphan.github.io](https://vtphan.github.io).

## Professional Experience

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- (2021) I created machine learning models used by the Office of Institutional Research to optimize financial aid distribution.
- (2016-2019) As UG Coordinator, I led the revamp of the undergrad CS program to obtain ABET accreditation.
- (2016-2018) I helped create the Cybersecurity, Data Science, and AI concentrations for the CS major.

## Active-Learning Tools

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- **Code4Brownies** facilitates active learning via in-class coding exercises coupled with targeted feedback.
- **GEM** provides peer tutoring during coding exercises.

## Teaching

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- **Courses** CS1, CS2, Algorithms, Programming Languages, Data Science, Machine Learning, Data Mining, Web Apps, Bioinformatics, and most CS courses.
- **Languages** Python, Java, Golang, C, C++.

## Outreach

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- (2016-present) I've organized annual Data Science workshops for working professionals and researchers.
- (2012-2019) I organized Creative Game Design summer camp, for high school students.
- (2018) I worked with the NCWIT-sponsored Learning Circles to recruit and promote female students in CS.
- (2018) I worked with CodeCrew to prepare teachers for teaching CS in K-12.
- (2016-2018) I received a Strengthening Communities grant with CodeCrew to create TigerCrew.