Tung Tho Nguyen

CONTACT
INFORMATION

Department of Mathematics
The University of Chicago
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EDUCATION

PhD in Mathematics, The University of Chicago — 2020 (expected)

- Advisor: Professor Kazuya Kato

M.S in Mathematics, The University of Chicago — 2016

B.S in Mathematics, Vietnam National University — 2009-2014

- Senior thesis advisor: Professor Ralph Greenberg

RESEARCH
INTERESTS

I am interested in number theory; specifically zeta values, Iwasawa theory, and Hida theory. Recently, I am also interested in computational mathematics and optimization.

PUBLICATIONS AND
PREPRINTS

- L-functions of QM surfaces over quaternionic Igusa curves (in preparation)
- Research experiences for undergraduates at VNU (a book containing our results.)

TEACHING
EXPERIENCE

I have been teaching the calculus sequence for undergraduate students at UChicago since 2015. My teaching duties include: giving the lectures, holding office hours, preparing and grading exams.

COMPUTER SKILS

Matlab (basic), Sagemath (basic), Python (beginner), Latex (advanced)

AWARDS AND
SCHOLARSHIPS

- The prominent young students of Vietnam National University, 2013
- Watanabe-Kanda scholarship.
- Honda YES award 2013.

CONFERENCES AND
WORKSHOPS

- Gave talks on my research in the student number theory seminar.
- Gave a talk at the conference "Arithmetic of low dimensional abelian varieties", ICERM 2019.
- Participated in study groups at Arizona Winter School 2017, 2018.
- Presented a poster at the conference "Interactions between Representation Theory and Algebraic Geometry".

SERVICES

- I organized study groups on etale cohomology, p-adic Hodge theory.
- Mentored 3 projects for the Directed Reading Program (Spring 2016 and Fall 2017, Spring 2019).
- Mentored 2 projects during the REU program at UChicago (Summer 2016).

CITIZENSHIP

Vietnamese.