

Yee-Jian Tan

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EDUCATION

Institut Polytechnique de Paris <i>Master of Theoretical Computer Science (Master Parisien de Recherche en Informatique)</i>	Paris, France Sep 2023 - Aug 2025
National University of Singapore <i>Bachelors of Computing with Honours (Computer Science), Distinction (4.48/5)</i> <ul style="list-style-type: none">• Specialisation: Algorithms and Computation <i>Bachelors of Science (Mathematics), Highest Distinction (4.50/5)</i> <ul style="list-style-type: none">• Specialisation: Abstract Algebra, Logic	Singapore Aug 2018 - May 2023

EXPERIENCE

Research Intern, M1 Internship <i>Cambium, Inria Paris</i> <ul style="list-style-type: none">• Advisor: Yannick Forster• Working towards formalising the guard condition of Coq	May 2024 - Aug 2024 Paris, France
Research Intern <i>Gallinette, Inria Nantes</i> <ul style="list-style-type: none">• Advisor: Nicolas Tabareau• Formalized Coq's module system in the MetaCoq project	May 2022 - Aug 2022 Nantes, France

PUBLICATIONS

A stepper for a JavaScript Sublanguage (https://doi.org/10.1145/3371076) <i>Jww. Martin Henz, Thomas Tan, Zachary Chua, Peter Jung, Xinyi Zhang, Jingjing Zhao</i>	SPLASH-E 2021
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AWARDS

Senior Honour Roll, NUS University Scholars Programme	2022 - 2023
Honour Roll, NUS University Scholars Programme	2020 - 2021
Honour List of Student Tutors, NUS School of Computing	2019 - 2020

SCHOLARSHIPS AND GRANTS

Masters Mobility Programme, French Embassy to Malaysia 2-year Master's grant covering tuition fees and living expenses in France.	2023 - 2025
Dr. Goh Keng Swee Scholarship, Association of Banks in Singapore Full scholarship for undergraduates selected from 15 Asia-Pacific economies.	2018 - 2023

TEACHING EXPERIENCE

Programming Methodology I, Teaching Assistant, NUS School of Computing	Fall 2022
Programming Methodology I, Teaching Assistant, NUS School of Computing	Summer 2021
Programming Methodology I, Teaching Assistant, NUS School of Computing	Fall 2020
Programming Methodology I, Teaching Assistant, NUS School of Computing	Fall 2019
Programming Methodology I (S), Teaching Assistant, NUS School of Computing	Fall 2019

THESES

Formalizing Coq Modules in the MetaCoq Project, Bachelor's Thesis Advisors: Nicolas Tabareau, Martin Henz, Yue Yang. Grade: A	2023
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