Yee-Jian Tan +33 7 52 04 32 55 | tanyeejian@gmail.com | yeejian.dev

EDUCATION

Master of Theoretical Computer Science (Master Parisien de Recherche en Informatique) National University of Singapore Bachelors of Computing with Honours (Computer Science), Distinction (4.48/5) **Specialization: Algorithms and Computation Bachelors of Science (Mathematics), Highest Distinction (4.50/5) **Specialization: Abstract Algebra, Logic EXPERIENCE EXPERIENCE EXPERIENCE Research Intern, M1 Internship Augy 2024 - Aug 20 Advisor: Yannick Forster **Formalized Coq's module system in the MetaCoq project Research Intern Gallinette, Inria **Advisor: Nicolas Tabareau **Formalized Coq's module system in the MetaCoq project Intern, Machine Learning Engineer Gojek Singapore **Jointly designed and packaged a Google BigQuery to Apache Kafka data ingestion tool **Increased data ingestion rate from **10k to **3000k rows/second using Google Cloud Dataflow PUBLICATIONS A stepper for a JavaScript Sublanguage (https://doi.org/10.1145/3371076) SPI.ASH-E 20 **Jointly Marin Henz, Thomas Tan, Zachary Chua, Peter Jung, Xinyi Zhang, Jingjing Zhao AWAWARDS Senior Honour Roll, NUS University Scholars Programme Honour Roll, NUS University Scholars Programme Honour Roll, NUS University Scholars Programme Honour List of Student Tutors, NUS School of Computing SCHOLARSHIPS AND GRANTS Masters Mobility Programme, French Embassy to Malaysia 1-year grant covering tuition fees and living expenses in France. Dr. Goh Keng Swee Scholarship, Association of Banks in Singapore Pull scholarship for undergraduates selected from 15 Asia-Pacific economies. TEACHING EXPERIENCE Programming Methodology 1, Teaching Assistant, NUS School of Computing Programming Methodology 1, Teaching Assistant, NUS School of Computing Programming Methodology 1, Teaching Assistant, NUS School of Computing Fall 26 Programming Methodology 1, Teaching Assistant, NUS School of Computing Fall 26 Programming Methodology 1, Teaching Assistant, NUS School of Computing Fall 26 Programming Methodology 1, Teaching Assistant, NUS School		
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Formalizing Coq Modules in the MetaCoq Project, Bachelor's Thesis

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