
Education

- B.A. Columbia University** Expected May 2025
Computer Science
GPA: 3.83
Honors: Dean's list, Columbia School of General Studies Honor Society
Activities: AI@Columbia - Co-founder
Languages & Architectures: Python, C, Java, PyTorch, Linux, Transformer
- B.Com. RMIT University Vietnam** May 2013
Commerce

Research Experience

- Research Intern, Columbia Irving Medical Center, New York** Summer 2023
The Program for Mathematical Genomics
Advisor: Raúl Rabadán
- Research Intern, New York Genome Center, New York** Summer 2022
Technology Innovation Lab
Advisor: Sanja Vicković

Thesis

- Systematic Modeling of Chromatin Accessibility** Expected May 2024
Integrating DNA sequence data, chromatin features, and protein features to predict genome-wide chromatin accessibility.

Project

- The Mortimer Zuckerman Mind Brain Behavior Institute, New York** Expected Dec 2023
Enhancing pose estimation model through iterative ensemble distillation, state-space modeling, and transfer learning to mitigate confident errors.
Advisor: Liam Paninski
- One Fact Foundation, New York** Summer 2023
Pseudo-Euclidean attract-repel embedding for synthetic electronic health record
Advisors: Jaan Altosaar Li, Tony Dear

Industry Experience

- Uber Technologies Inc**
Senior Regional Operations Manager, New York, NY 2018 - 2020
Developed a decision framework using the Cobb-Douglas production function.
Oversaw experiments that enhanced marketplace conditions.
- Regional Operations Manager, Singapore** 2017 - 2018
Led APAC experimentation & marketplace strategies, overseeing multiple high-impact experiments.
- Operations Manager, Vietnam** 2016 - 2017
Directed product and experimentation in Vietnam, leading over 12 product rollouts and 16 experiments.
- Regional Associate, Lazada South East Asia, Thailand** 2014 - 2015
Implemented optimization and automation strategies for Google Ads products.