

VANLIK TAN

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EDUCATION

Toulouse School of Economics, France

September 2020 - present

Master in Economics (International Track)

Relevant courses: Machine Learning in Python (Udemy), Intermediate Econometrics

Applied Econometrics, Empirical Industrial Organization, Advanced Microeconomics

University of California at Irvine, USA

August - September 2018

Summer session: Econometrics & Statistics

Grade: **A & A+**

Kindai University, Japan

April 2018 - March 2020

Bachelor of Economics

Summa cum laude (**GPA 3.9/4.0**)

Senior thesis: **"The Effects of In-firm Training on Innovation in Small Firms in Cambodia"**

Independent project: **"Incentive to Free-ride a Ride-hailing: A Toy Model"**

WORKING EXPERIENCE

Cambodia Development Research Institute (CDRI). Phnom Penh, Cambodia

April-August 2020

Research Intern

- Designed and programmed Python code to scrape and analyzed 40,000 firms dataset
- Collaborated with team member to design survey for digital skills assessment

Kindai University, Osaka Japan

May 2018-April 2020

Research Assistant

- Assisted Prof. Jun Nakabayashi and analyzed collusion and competition among Japanese construction firms
R&R JPE paper titled **"Detecting Large-Scale Collusion in Procurement Auctions"**
- Programmed and scraped procurement data from all municipalities in Japan using Python and SQL
- Managed and cleaned the database; identified cost function of each firms using econometric method

SCHOLARSHIP & AWARDS

Eiffel scholarship Program of Excellence, French Government

September 2020 - 2022

Monbukagakusho (MEXT) Japanese government scholarship

April 2015 - 2020

Ranked 2nd in Cambodia's National Baccalaureate Exam (BacII)

August 2013

Grade A with overall score 99.999/100

Top 10 Cambodian Candidate, Asia Pacific Mathematical Olympiad (APMO)

June, 2013

VOLUNTEER EXPERIENCE

Khmer Student Association in Kansai Area, Osaka, Japan

April 2018- March 2019

Academic Officer

- Led a team and organized a "sharing session" which helped Cambodian students to connect in both life and academic experience in Japan
- Initiated and implemented charity event organized by KSAK in Cambodia rural area

SKILLS & LANGUAGES

- Experiences in Python, R, SQL, \LaTeX , Markdown, and data structure
- Machine Learning algorithm and Econometric analysis (causal inference)
- Git, Selenium, MS Office
- English (**IELTS 7.0**), Japanese (N2, professional), Khmer/Cambodian (Native)

PERSONAL TRAITS

- Fast learner, perseverance and eager to learn new things
- Trial-and-Error with growth mindset
- Ability to work as an individual as well as in team
- Strong interpersonal and communication skills