



# BORACHHUN YOU

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## COMPUTER SKILLS

### Data science

Python ●●●●●  
PyTorch ●●●●●  
Scikit-learn ●●●●●  
R ●●●●●

### Web development

HTML ●●●●●  
CSS ●●●●●  
JavaScript ●●●●●  
PHP ●●●●●  
Flask ●●●●●

### Others

C/C++ ●●●●●  
Java ●●●●●  
PostgreSQL ●●●●●

## LANGUAGES

English CEFR C1  
French CEFR B1  
Khmer Mother tongue

## HOBBIES AND INTERESTS

Machine learning  
Software development  
Photography

## SECOND-YEAR MASTER'S STUDENT SEEKING A 6-MONTH RESEARCH INTERNSHIP IN MACHINE LEARNING

## EDUCATION

**Master 2 – Mathematics, Vision, Learning (MVA)** 2023 – 2024  
École Normale Supérieure Paris-Saclay  
**Subjects:** deep learning, object recognition and computer vision, advanced learning for text and graph data, convex optimization, geometric data analysis

**Master 1 – Applied Mathematics** 2022 – 2023  
Université Paris-Saclay  
**Subjects:** supervised learning, data analysis (unsupervised learning), stochastic calculus, time series, big data, simulation methods, operations research, C++ programming

**ENSIIE engineering program** 2021 – 2024  
Applied mathematics specialization  
École Nationale Supérieure d'Informatique pour l'Industrie et l'Entreprise (ENSIIE)  
**Subjects:** probability, statistics, PostgreSQL databases, web programming, OOP, optimization

**Information and communication engineering** 2020 – 2021  
Institute of Technology of Cambodia (ITC) (1 out of 3 years completed)  
**Subjects:** C/C++ programming, MySQL databases, network, statistics

**Foundation years for engineering** 2018 – 2020  
Institute of Technology of Cambodia  
**Subjects:** calculus, linear algebra, probability, mechanics, thermodynamics, electricity

**Cambodian baccalaureate** Sept. 2018

## EXPERIENCE

**ENSIIE – Research intern** May – Aug. 2023  
Évry-Courcouronnes, France  
Estimating the quantity of waste from digital equipment in France by using data of lifespan of equipment and put-on-market data, obtained from data of production, import and export

**Paris Partners Softwares – Machine learning intern** June – Aug. 2022  
Courbevoie, France  
Building a supervised learning model for categorizing bank transactions and deploying the model in a web application for internal use of the company

**Build On Cambodia 2021 – Participant** May – June 2021  
Phnom Penh, Cambodia  
Participating in a competition organized by AWS by building a web application using AWS cloud services as a management solution for a bank

## VOLUNTEER WORK

**Insight Tech – Organizing member** Aug. – Oct. 2019  
Phnom Penh, Cambodia  
An event with the goal of promoting the field of computer science to the public by providing practical coding experience and sharing sessions

**CSEF – Organizing member** Jan. – Feb. 2019  
Phnom Penh, Cambodia  
An exhibition with the aim of promoting STEM fields to the public with over 34 000 visitors

## SCHOLARSHIP

**Eiffel scholarship 2021** 2021 – 2024  
Awarded the French government scholarship of excellence for 3-year postgraduate studies

**Scholarship of Ministry of Education at ITC** 2018 – 2021  
Awarded the Cambodian government scholarship for 5-year engineering program at ITC