



Yesun-Erdene Jargalsaikhan

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Gender: Female **Date of birth:** 09/09/1999 **Nationality:** Mongolian

ABOUT ME

I am a software engineer with a solid aspiration to expand my profession into data science; I am particularly ambitious to develop an eye-tracking technology dedicated to people with movement disabilities using machine learning. I have experience in software engineering, especially in mobile application development for 3.5 years and other software developments in the IT industry in Mongolia; also professional in the whole process of mobile application project development.

EDUCATION

[01/09/2016 – 12/06/2020]

Bachelor in Software Engineering

National University of Mongolia, School of Engineering and Applied Science www.num.edu.mn

Final grade: GPA 3.5 / 4.0 (Top 10 out of 104 graduates of 2020)

Thesis title: *The real estate advertisement for renting or selling platform based on a map.*

Based on the thesis, I developed a mobile application and website for the real estate market, including market and auction features. (Final Thesis mark: 96A).

JOB-RELATED SKILLS

Software engineering

- Wide experience in mobile application development
- Project planning, designing, developing, delivering, testing and maintaining.

Framework & Technologies

- React Native JS | React JS | Symfony (PHP) | Laravel (PHP)

Programming & scripting languages

- C | C++ | Python | Java | Javascript | PHP | HTML, modest experience in R

DBMS & Query languages

- MySQL, MSSQL, SQL, Graphql

Version control systems

- Git

LANGUAGE SKILLS

Mother tongue(s): Mongolian

Other language(s):

English (IELTS 6.5)

LISTENING C1 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Russian

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

WORK EXPERIENCE

[16/09/2019 – 10/01/2022]

Software engineer, Digital Mall LLC (full-time)

At the beginning of my 4th year of study in software engineering, my former internship employer company offered me to work as a software developer in their e-commerce system. I worked as a part-time software developer until I obtained my undergraduate degree, and afterwards, I worked as a full-time software engineer at the company.

Tasks: My responsibility was the whole mobile application project development of the mobile application, core backend development, the admin panel of the e-commerce back-office, and database support engineering.

Projects: *Banana Mall* (mobile application and a website of e-commerce.)

[10/01/2022 – Current] **Software engineer, Octagon LLC (full-time)**

Tasks: My responsibility is the whole mobile application project development of the Octagon ecosystem and a governmental pedometer project named AND: Walk & Earn.

Projects: *Octagon Ecosystem* - mobile application for digital wallet and virtual assets and crypto marketplace, *AND: Walk & Earn* - pedometer app.

[01/02/2021 – 10/01/2022] **Software developer, Powered LLC (remote)**

<https://powered.mn/>

Tasks: My responsibility is the whole mobile application project development of **YESH.MN**

Projects: *YESH.MN* - test-based learning mobile application for high school students.

[01/07/2020 – 01/01/2023] **Software developer, Alpha Labs LLC (remote)**

Tasks: My responsibility is the whole mobile application project development of the following mobile applications:

Projects: *BSB.mn*, *G-Solar monitoring*, *ISU Mongolia* and *100ail market*.

PROJECTS

[01/2022 – Current] **Octagon Ecosystem**

I worked on developing a mobile application of Octagon Ecosystem - a crypto exchange market, NFT marketplace, and digital wallet. It has broad features, such as a virtual asset market, a virtual ticket utility, awarded competition and more. **(React Native JS)**. Released in 03/2022, [Apple app store](#), [Google play store](#) and [Introduction](#)

[09/2019 – 01/2022] **Banana Mall**

An e-commerce system for selling and delivering products online. As a developer, I worked on the following:

- Mobile application of BananaMall for e-commerce of online shopping and delivery service. **(React Native JS)**
- The core system for the corresponding platform **(Symfony PHP, MySQL)**
- The admin panel of the e-commerce **(React JS)**
- Database support engineering
- [11/2019] Released the e-commerce website, <https://bananamall.mn>
- [11/2021] Released the mobile application, [Apple store](#) and [Google Play store](#)

[02/2021 – 01/2023] **YESH.MN**

I worked on developing a mobile application of YESH.MN - test-based learning mobile application for high school students preparing for the university general entrance examination. The application has a testing feature, which lets users take a test of all kinds of high school subjects with various sorts of testing types and show the result with correct answers and theories to review. It also has the feature of helping to choose a profession for students. About 50 per cent of examinees use this application annually to prepare for their examination. **(React Native JS)**. Released 05/2021, [Apple app store](#), [Google play store](#) and [Introduction](#)

[11/2022 – 12/2022] **AND: Walk & Earn**

I worked on developing a mobile application for the statistics on the walking of the whole national citizens. It works like a pedometer and rewards the person who reaches the targeted number of steps **(React Native JS)**. Released in 12/2022, [Apple app store](#) and [Google play store](#)

[07/2020 – 01/2022] **BSB.mn**

I developed the mobile application of BSB.MN for e-commerce of online shopping and delivery service **(React Native JS)**. Released 11/2021, [Apple app store](#) and [Google play store](#)

[10/2022 – 12/2022] **ISU Mongolia**

I worked on developing a mobile portal application for employees and parents of students of "The International School of Ulaanbaatar" for managing various kinds of activity in the school **(React Native JS)**.

[06/2022 – 09/2022] **G-Solar**

I worked on developing a mobile application for the consumers of a power supply company named "G-power" for monitoring and surveillance of power consumption of their activity (**React Native JS**). Released in 12/2022, [Google play store](#)

[09/2022 – 01/2023] **100 ail market**

I worked on developing a mobile application for all trade centres of building materials in Mongolia to make their trade online. It is an e-commerce application where shop sellers register their products, and buyers purchase their needs online. Also, delivery service companies handle user orders through the application. (**React Native JS**). The application is waiting for the review to be published.

[05/2019 – 12/2019] **Togloom Trade**

I worked on developing an e-sport game virtual item marketplace website. (**Laravel PHP**). <https://togloom.trade/>

[07/2019 – 08/2019] **Dynamic Survey platform**

I built a dynamic create-able survey form platform during my internship at And Systems LLC (**Slim PHP**). The survey unit uses the platform to generate flexible survey forms and manage results.

ACCOMPLISHMENTS

[01/2023 – 02/2023] **Introduction to Data Science in Python**

Successfully completed an online non-credit course authorised by the University of Michigan and offered through Coursera. **Grade Achieved: 94.75%** [Related document](#)

[12/2022 – 02/2023] **Python Basics**

Successfully completed an online non-credit course authorised by the University of Michigan and offered through Coursera. **Grade Achieved: 100%** [Related document](#)

[27/05/2019 – 29/05/2019] **Open Data Hackathon - 2019 - National University of Mongolia**

Participated as a team in the students' competition to build a new platform using open data from the National University of Mongolia within two days. Our team innovated a platform which generates various kinds of data visualisation with open data using **R language**.

[17/05/2019 – 19/05/2019] **Open Platform Hackathon - LendMN - 2019 (awarded 2nd place)**

Participated as a team and won 2nd place in building a new platform competition within two days. Our team innovated and developed a new idea for an e-sport game item-selling platform. I contributed my ideas and worked on the web development of the platform using **Laravel (PHP)**. <http://ikon.mn/n/1kvt>

[16/10/2020 – 18/10/2020] **Hackathon - AND Systems - 2020 (awarded 1st place)**

Participated as a team and won 1st place in building a new platform competition within two days. Our team innovated and developed a new idea of a task management extension for "**Visual studio code editor**", which allows managing all job tasks for developers in their code editor. I contributed my ideas and worked on developing the extension using **Typescript** programming language.

- EXTRACURRICULAR ACTIVITIES

[07/2019 – 08/2019] **Internship at And Systems LLC**

During the software developer internship, I developed:

- Sms notification service using **Python**
- Dynamic create-able survey form platform using **Symfony(PHP)**

[05/2019 – 01/2020] **Internship at Ocurus LLC**

Participated in the competition with company members and interned as a web developer on the project of an e-sport game virtual item-selling website named "Togloom trade" using **Laravel PHP**.

[2018 – 2019] **Certified Information Technology Professionals (IP, FE)**

Successfully passed **ITPEC** /Information Technology Professionals Examination Council/

[12/2018] Information Technology Passport Examination - /MNIP18A0009/

[Related document](#)

[10/2019] Fundamental Information Technology Engineer Examination - /MNFE19A0008/

[Related document](#)

HONOURS AND AWARDS

[12/2022] **Employee of the year 2022 - Octagon LLC**

Encouragement: For being exceptional and driven towards the company value.

Olympiads and competitions

[Related documents](#)

- [03/2014] Kangaroo-2014 International Mathematical Competition - Honorable certification
- [05/2013] 7th Mathematics Olympiad - 3rd place - *Administration of Orkhon province*
- [05/2013] 7th Mathematics Olympiad - 2nd place (team)- *Administration of Orkhon province*
- [05/2013] Linguistics Olympiad - 3rd place - *Administration of Orkhon province*
- [01/2011] Mathematics Olympiad - 3rd place - *Administration of "Erdenet" high school*

HOBBIES

Sports and Interests

- Archer - target archery compound style
- Figure skating - self-educating
- Volleyball - former libero in a local team
- Making handcraft furniture
- Knitting & crocheting
- Acrylic painting

DRIVING LICENCE

Cars: B



Feb 11, 2023

Yesun-Erdene Jargalsaikhan

has successfully completed

Introduction to Data Science in Python

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Christopher Brooks'.

Christopher Brooks
Research Assistant Professor
School of Information

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/2BM2MA66LJRS>

Coursera has confirmed the identity of this individual and their participation in the course.



Feb 9, 2023

Yesun-Erdene Jargalsaikhan

has successfully completed

Python Basics

an online non-credit course authorized by University of Michigan and offered through Coursera

Handwritten signatures of Paul Resnick, Stephen Oney, and Jaclyn Cohen in black ink.

Paul Resnick
Stephen Oney
Jaclyn Cohen

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/75SRGS2CX4VC>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate

MNFE19A0008

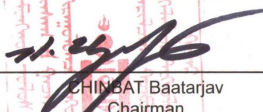
This is to certify that

YESUN-ERDENE Jargalsaikhan

has successfully passed the
Fundamental Information Technology Engineer Examination

Examination date: 27/10/2019

Certified Information Technology Professional (FE)


CHINSBAT Baatarjav
Chairman
Communications and
Information Technology Authority


TSOGTGEREL Erkhembayar
Director
National Information
Technology Park

Issued on 28/11/2019
Ulaanbaatar, Mongolia



Certificate

MNIP18A0009


This is to certify that

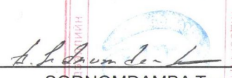
YESUN-ERDENE Jargalsaikhan

has successfully passed the
Information Technology Passport Examination

Examination date: 28/10/2018

Certified Information Technology Professional (IP)


CHINBAT Baatarjav
Chairman
Communications and
Information Technology Authority


SODNOMDAMBA Tserendorj
General director
National Information
Technology Park

Issued on 11/12/2018
Ulaanbaatar, Mongolia

Olympiad certificates:

2013, 7th Mathematics Olympiad - 3rd place certificate

Translation

VII MATHEMATICS MASS TRAINING QUALITY CONTEST SPONSORED BY
BANKIIN MYAGMARSUREN, CHAIRMAN OF ORKHON PROVINCE CITIZEN
REPRESENTATIVES' KHURAL

CERTIFICATE OF HONOR

Awarded to JARGALSAIKHAN YESUN-ERDENE

Student of 9th Grade of Erdenet Complex High School for successful
participation and winning III place in the VII provincial mathematics mass training
quality contest in the individual standard category.

ORKHON PROVINCE

CITIZEN REPRESENTATIVES'
KHURAL

DEPARTMENT OF EDUCATION

Erdenet city

2013.05.20

Translated and verified by:
Translation Bureau of Erdenet Mining Corporation SOE
Translator E.Byambaa



2013, 7th Mathematics Olympiad - 2nd place (team) certificate

Translation

VII MATHEMATICS MASS TRAINING QUALITY CONTEST SPONSORED BY
BANKIIN MYAGMARSUREN, CHAIRMAN OF ORKHON PROVINCE CITIZEN
REPRESENTATIVES' KHURAL

CERTIFICATE OF HONOR

Awarded to JARGALSAIKHAN YESUN-ERDENE

Student of 9th Grade of Erdenet Complex High School for successful
participation and winning II place in the VII provincial mathematics mass training
quality contest in the group standard category.

ORKHON PROVINCE

CITIZEN REPRESENTATIVES'
KHURAL

DEPARTMENT OF EDUCATION

Erdenet city

2013.05.20

Translated and verified by:
Translation Bureau of Erdenet Mining Corporation SOE
Translator E.Byambaa



Translation

ERDENET COMPLEX HIGH SCHOOL

CERTIFICATE OF HONOR

Awarded to JARGALSAIKHAN YESUN-ERDENE

Student of 7⁴ Grade of Erdenet Complex High School for successful participation
and winning III place in the Standard Mathematics Olympiad of the School.

Training Department of Erdenet
Complex High School

Department mathematics and
Information Technology

Translated and verified by:
Translation Bureau of Erdenet Mining Corporation SOE
Translator E.Byambaa



Translation

ORKHON PROVINCE
DEPARTMENT OF EDUCATION

CERTIFICATE OF HONOR

Awarded to JARGALSAIKHAN YESUN-ERDENE

Student of 10th Grade of Erdenet Complex High School for successful participation and winning III place in the provincial Olympiad organized in the academic year 2013-2014, category – Russian, X Grade.

ORKHON PROVINCE
DEPARTMENT OF EDUCATION

Erdenet city

2014

Translated and verified by:
Translation Bureau of Erdenet Mining Corporation SOE
Translator E.Byambaa

