Yesun-Erdene Jargalsaikhan

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🌐 **Website:** https://yesunerdene.github.io/yesunerdene 💬 **Whatsapp:** +97699401008

Gender: Female   **Date of birth:** 9 Sep 1999   **Nationality:** Mongolian

ABOUT ME

I am a proactive software engineer and am ambitious to develop an eye-tracking technology which helps people with movement disabilities use devices with eyes, using machine learning. I have broad experience in software engineering and programming for 3.5 years and am professional in the whole mobile application project development process. Also, I developed and published seven different mobile applications that are widely used in my country.

EDUCATION

[1 Sep 2016 – 12 Jun 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 (Cum Laude, 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: 96% A).

JOB-RELATED SKILLS

Software engineering

- Broad and extensive experience in mobile application development,
- Project planning, designing, developing, delivering, testing and maintaining,
- Basic experience in data manipulation and cleansing,

Framework & Technologies

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

Programming & scripting languages

- C | C++ | Python | R | Java | Javascript | PHP | HTML | CSS

DBMS & Query languages

- MySQL, MSSQL, SQL, GraphQL

Others

- Git | AWS | Android & iOS development

LANGUAGE SKILLS

Mother tongue(s): Mongolian

Other language(s):

English

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 Sep 2019 – 10 Jan 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 Jan 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* - national pedometer mobile application.

[1 Feb 2021 – 10 Jan 2022] **Software developer, Powered LLC (remote)**

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.
https://powered.mn/

[1 Jul 2020 – 1 Jan 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

[Jan 2022 – Current] **Octagon Ecosystem (virtual asset and crypto exchange marketplace)**

I worked on developing a mobile application for 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 competitions and more **(React Native Js).**

Released in Mar 2022, Apple app store, Google play store and Introduction

[Sep 2019 – Jan 2022] **Banana Mall (e-commerce platform)**

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

- Mobile application of the e-commerce **(React Native JS)**
- Core back-end of the e-commerce platform **(Symfony PHP)**
- Admin panel of the e-commerce back-office **(React JS)**
- Database support engineering **(SQL)**
- [Nov 2019] Released the e-commerce website, https://bananamall.mn
- [Nov 2021] Released the mobile application, Apple store and Google Play store

[Feb 2021 – Jan 2023] **YESH.mn (test-based learning)**

I worked on developing a mobile application for 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 in the corresponding year to prepare for the examination **(React Native JS)**.

Released May 2021, Apple app store, Google play store and Introduction

[Nov 2022 – Dec 2022] **AND: Walk & Earn (national pedometer)**

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 Dec 2022, Apple app store and Google play store

[Jul 2020 – Jan 2022] **BSB.mn (e-commerce)**

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

[Jun 2022 – Sep 2022] **G-Solar (monitoring)**

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

[Oct 2022 – Dec 2022] **ISU Mongolia (monitoring)**

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

[Sep 2022 – Jan 2023] **100 ail market (e-commerce)**

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. The application is waiting for the review to be published. *(React Native JS)*

[May 2019 – Dec 2019] **Togloom Trade (virtual asset marketplace)**

I worked on developing a website for an e-sport game virtual item marketplace **(Laravel PHP).**

https://togloom.trade/

[Jul 2019 – Aug 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

[Jan 2023 – Feb 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%.**

Verification link   Related document

[Jan 2023 – Feb 2023] **Python Basics**

Successfully completed an online non-credit course authorised by the University of Michigan and offered through Coursera. **Grade Achieved: 100%.**

Verification link   Related document

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

ITPEC /Information Technology Professionals Examination Council/

Successfully passed:

[Oct 2019] Fundamental Information Technology Engineer Examination Verification link

[Dec 2018] Information Technology Passport Examination Verification link

Related documents

-   EXTRACURRICULAR ACTIVITIES

[27 May 2019 – 29 May 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 May 2019 – 19 May 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. My role was web development using ***Laravel PHP***. Related article

[16 Oct 2020 – 18 Oct 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***.

[Jul 2019 – Aug 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)*

[May 2019 – Sep 2019] **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*.

HONOURS AND AWARDS

[Dec 2022] **Employee of the year 2022 - Octagon LLC**

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

[2016] **Award for Best student of the graduate year 2016 of "Laboratory VIII" high schoool**

Olympiads and competitions

[2014] **Honorable certification, Kangaroo-2014 International Mathematical Competition**

[2013] **Bronze medal, The National 7th Mathematics Olympiad, 2nd round**

[2013] **Silver medal, The National 7th Mathematics Olympiad, group category, 2nd round**

[2011] **Bronze medal, The Regional Standard Mathematics Olympiad 1st round**

[2013] **Bronze medal, The National Linguistics Olympiad, 2nd round**

Related documents

HOBBIES

Sports and Interests

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

DRIVING LICENCE

Cars: B

UNIVERSITY OF MICHIGAN

COURSE CERTIFICATE

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

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Christopher Brooks
Research Assistant Professor
School of Information

Verify at:
https://coursera.org/verify/2BM2MA66LJRS

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

UNIVERSITY OF MICHIGAN

COURSE CERTIFICATE

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

Paul Resnick
Stephen Oney
Jaclyn Cohen

Verify at:

Fundamental Information Technology Engineer Examination certificate

THE GOVERNMENT OF MONGOLIA
COMMUNICATIONS AND INFORMATION TECHNOLOGY AUTHORITY

ITPEC
Information Technology
Professionals Examination Council

National Information
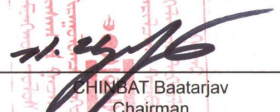Technology Park
of Mongolia

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)

CHINBAT Baatarjav
Chairman
Communications and
Information Technology Authority

TSOGTGEREL Erkhembayar
Director
National Information
Technology Park

Issued on 28/11/2019
Ulaanbaatar, Mongolia

ITPEC
Information Technology
Professionals Examination Council

THE GOVERNMENT OF MONGOLIA
**COMMUNICATIONS AND INFORMATION
TECHNOLOGY AUTHORITY**

National Information
Technology Park
of Mongolia
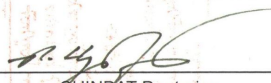
Certificate

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

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'   DEPARTMENT OF EDUCATION
KHURAL

Erdenet city

2013.05.20

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

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

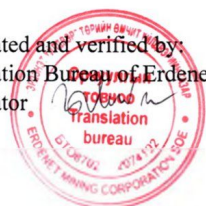ERDENET COMPLEX HIGH SCHOOL

CERTIFICATE OF HONOR

Awarded to JARGALSAIKHAN YESUN-ERDENE

Student of 7^4 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