

Bekmukhamed Tursunbayev

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EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, IL

May 2024

Bachelor's in Computer Science, GPA: 3.5/4.0

- Student Government Vice President of Events, Eta Kappa Nu Delta Chapter member, Member of Engineers Without Borders chapter, Member of Chess Club

PENNSYLVANIA STATE UNIVERSITY, STATE COLLEGE, PA

2020 - 2021

Bachelor's in Computer Science, GPA: 4.0/4.0

- Member of Coding club

NATIONAL SCHOOL OF PHYSICS AND MATHEMATICS, NUR-SULTAN, KZ

2016 - 2019

High School Diploma, GPA: 3.82/4.0

- Member of Robotics Club

SKILLS

PROGRAMMING & TOOLS : Python, C++, OpenCV, CorelDraw

HARDWARE: Arduino, RaspberryPi

LANGUAGES: Kazakh, Russian, English

EXPERIENCE

Calculation Team

2022 - Present

Engineers Without Borders chapter

Chicago, IL

- Structural calculating and designing an Urine-Diverting Dry Toilet for a community in Yucka, Bolivia, Presenting features and Meeting with a community on a monthly basis

English Language Tutor

2019 - 2019

Forward Education

Nur-Sultan, Kazakhstan

- Delivered English language assistance to 30 fellow students, Prepared them for IELTS and SAT exams, Served as a model for students in techniques and strategies for planning short- and long-term goals

Team Leader

2019 - 2019

World Para-Powerlifting Championship

Nur-Sultan, Kazakhstan

- Led team of 10 volunteers at award ceremony, was a liaison between volunteering committee and volunteers, distributed roles, kept track of schedules, flags, medals, and prizes

Founder

2018 - 2019

Asar

Nur-Sultan, Kazakhstan

- Founded mentoring club for 40 children from an orphanage, Collaborated with orphanage representatives, guided team of 9 students, Organized Mathematics, Physics, C++ and English classes

PROJECTS

Phebruus

- Led a team to develop a hardware control system designed to collect garbage from water sources using a RaspberryPi microcontroller, Coreldraw, and Python software, and OpenCV library

Eco Stage

- Managed team of 3 people to build a hardware control system aimed to purify and humidify air, and reveal quality of air utilizing Arduino and C++

HONORS

Dean's List: Illinois Tech Fall 2022

Dean's List: Penn State 2020-2021

Infomatrix Asia international computer project competition 2018 & 2019, Hardware Control Systems (Gold Medal, Silver Medal)