Akbota Mautkazy

Software Engineer

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# INFORMATION

**Technical Skills** C/C++, Python, Java, Linux, HTML, CSS, MySQL, Docker, K8s, Github

**Languages** Fluent in Kazakh, Russian and English

**Frameworks/Libraries** Django, ReactJS, AngularJS

**Interests** Software Engineering, Data Science, Cybersecurity

# work experience

## Programming School Element, Kazakhstan

Lecturer, programming languages Almaty, KZ (March 2018 – May 2018)

* Taught beginner courses of basics of programming in C++, Python programming languages
* Prepared a program for learning programming languages for beginners aged 6-16 years
* Prepared and gave lectures on topics of algorithms and data structures

## Aiplus Training Center, Kazakhstan

Lecturer, physics and mathematics Almaty, KZ (Septemeber 2018 – March 2020)

* Prepared schoolchildren for admission to NIS, RFMSh, KTL
* Developed teaching materials for physics and mathematics
* Helped schoolchildren to become stress-resistant before the exam, independent and purposeful

# projects - courses - achievements

**Training, One Technologies, Almaty** (June – July 2019)

* Successfully completed training with the issuance of a certificate within the boundaries of the One lab project in the direction of Backend (Scala)

**Internship, Codebusters, Almaty** (January - March 2020)

* Gained practical skills while performing tasks in the field of Backend development (Python, Django)

**System development** (January - May 2020)

* Developed the system for control the submission and plagiarism of assignments that will be used by KBTU teachers in practice
* Wrote the backend part of the system in django, and the frontend part in react

**System development** (January - June 2022)

* Researched and developed the architecture of a graph-based recommendation system
* Compared the performance of existing algorithms of recommender systems and chose the appropriate algorithm for the system development
* Developed a prototype of architecture of recommender system

# EDUCATION

**Kazakh-British Technical University** Almaty, KZ (August 2016 – June 2020)

* + Bachelor of Engineering and Technology (Computer Systems and Software), 4th year
  + Grade Point Average (GPA): 3.39/4
  + Computer Systems and Software Courses taken: OOP, Algorithms and Data Structures, Digital Design, Databases, Web programming, Mobile app development (Android), Programming Technologies, ICPC ACM programming 1, ICPC ACM programming 2.

**Kazakh-British Technical University** Almaty, KZ (September 2020– July 2022)

* + The degree of Master Technical Sciences In The Educational Program «Information Systems»‎
  + Grade Point Average (GPA): 3.73/4