

ELIZA TAALAIBEK

Houston, TX | 4158089249 | eliza.taalaibek0@gmail.com | [linkedin.com/in/eliza-taalaibek](https://www.linkedin.com/in/eliza-taalaibek) | github.com/elizataalaibekkyzy

EDUCATION

-
- RICE UNIVERSITY – Houston, USA** Aug 2024 – Dec 2025 (Expected)
- [Master's degree in computer science](#), specializing in Data Science and Machine Learning. (GPA: 3.87/ 4.0)
 - **Teaching Assistant** of Principles of Algorithms course.
 - Top classes: **ML, AI, Deep Learning for vision and language, Data Science Tools (SQL, AWS, Apache Kafka), Desing of Algorithms.**
- VISTULA UNIVERSITY – Warsaw, Poland** Oct 2018 – March 2022
- [Bachelor's degree in computer science](#), specializing in Software Engineering. (GPA: 3.39 / 4.0)
 - Mentor in Peer Mentoring Program (Mentored 4 students in both technical and uni. Life.)
- AMERICAN UNIVERSITY IN BULGARIA – Blagoevgrad, Bulgaria** Jan 2020 – March 2020
- One of the 5 best-selected (~50 applicants) students for the Erasmus+ program with a grant.

EXPERIENCE

-
- FULL STACK DEVELOPER** [Rice University - Houston, TX](#) Jan 2025 – Current
- Developed the Rooms web site from the ground which improved user experience by 100% using **JavaScript, React, Python, SQL**.
 - Developed and deployed new features that achieved 100% accuracy in handling the website's business logic.
- FULL STACK ENGINEER** [LoopUp LLC - San Francisco, CA](#) Sep 2022 – Aug 2024
- Integrated the interface for the “Operator Connect” project, which increased revenue to \$20 million using **JavaScript and C#**.
 - Wrote an alternate signer functionality for DocuSign porting, enhancing user experience and efficiency by 100% using **TypeScript, React**.
 - Mentored 3 interns to develop Front-End project, achieving a 100% project completion rate.
- SOFTWARE ENGINEER INTERN** [matriq AG - St. Gallen, Switzerland](#) Jun 2021 – Nov 2021
- Developed a data tracking tool in **Python**, reducing testing report generation time by **50%**.
 - Optimized an internal testing tool to accelerate processes, achieving a **50%** efficiency boost.
 - Upgraded the front-end interface using **QT, Python, and TypeScript**, achieving a **90%** accuracy rate in functionality control.
- SOFTWARE ENGINEER INTERN** [Tink AB – Warsaw, Poland](#) Jan 2021 – Apr 2021
- Engineered a mobile banking app tracker with **Spring Boot**, automating data workflows and reducing verification time by **50%**.
 - Led the integration of the first UK-based bank application into Tink's platform, ensuring seamless domain functionality with **Java**.

PROJECTS

-
- Facial emotions recognition**
- Implemented a ML project with **Keras**, achieving 90% accuracy in classifying seven basic human emotions using neural networks.

SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript, HTML/CSS, C#.

Frameworks: React, Spring Boot, Node.js, MySQL, AWS.

Tools: Git, LaTeX, QT, TensorFlow, Keras.

Languages: Fluent in English, Russian, Kyrgyz.

AWARDS

-
- **1st place in Kyrgyzstan regional Math Olympiad** (~1000+ participants) 2017
 - **Vistula University Rector's Scholarship Winner** 2019 - 2020
(Awarded quarterly to top 10 students out of ~200+ applicants)

EXTRACURRICULARS

-
- **Google Women in Tech mentee** Sep – Nov 2021
One of the 30 best-selected students; Mentored by a Google Senior Engineer.
 - **Leader of IT club at Vistula University** Jan 2020– May 2022