Alambek Gulamidinov

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EDUCATION

- **Ulsan National Institute of Science and Technology (UNIST)** — Ulsan, South Korea
  Department of Computer Science and Engineering — *September 2019 – December 2023 (Expected)*
  - **Relevant Coursework:** Introduction to AI Programming I/II, Operating Systems, Introduction to Algorithms, Software Engineering, System Programming, Object Oriented Programming, Data Structures, Principles of Programming Languages, Computer Architecture, Discrete Mathematics, Applied Linear Algebra
  - **Honors:** Global Dream Scholarship (full tuition waiver + monthly scholarship)

WORK EXPERIENCE

- **UNIST** — Ulsan, South Korea
  Teaching Assistant — *March 2022 – June 2022*
  - Helped 100+ students to learn python and AI programming basics
  - Assisted course instructor on grading student works and proctoring exams

- **OnSquare HQ** — Seoul, South Korea
  Software Engineer Intern — *December 2021 – February 2022*
  - Tested, debugged and added new features to multi-functional web-editor program. Maintained and regulated object sequences, where each object sequence is a music, photo, PDF and other editors. [TypeScript, JavaScript, Redom.JS]
  - Migrated audio editor written on Aurora.js to Web Audio API. [TypeScript, Web Audio API]
  - Optimized audio data conversion algorithm for 2x. Designed audio parameter visualization. [D3.js, TypeScript]

- **UNIST AI and Robotics lab** — Ulsan, South Korea
  Research intern — *December 2019 – February 2020*
  - Contributed to research project on developing VR User Interfaces. Worked on testing, debugging and collecting user data for improving usability of virtual UI. [C#, VR, UNITY 3D]
  - Designed virtual UI model of Chrome browser. [C#, Unity 3D]

- **Kyzyl-Kiya I. Razzakov High School** — Kyzyl-Kiya, Kyrgyzstan
  Programming coach — *October 2018 – May 2019*
  - Spearheaded school "Coding Club" with 8-10 people. Conducted various lectures on algorithms and data structures. Helped to improve problem-solving skills of students.

PROJECTS

- **Let language (March 2022)**
  Designed unique programming language based on C++ semantics and logic.
  [Scala]

- **GuessNum Bot (November 2021)**
  Developed Telegram messenger gaming Bot. Bot guesses a number encouraging user to find it and keeps the conversation until user succeeds.
  [JavaScript, Telegarm API]

- **CarShare App (July 2021)**
  Developed REST API application for car sharing project which uses Create/Read/Update/Delete requests to server for manipulating car data and estimate the cost.
  [JavaScript, Node.js, Nest.js, Postman, MongoDB]

- **2D Space Shooter Game (March 2020)**
  Redesigned classical Space shooter game in Unity.
  [C#, UNITY Game Engine]

AWARDS

- **National Robotics Competition** - Gold medal. Kyrgyzstan 2018
- **Eurasian Olympiad in Computer Science (Daryn)** - Bronze medal. Kazakhstan 2017
- **National Olympiad in Computer Science** - 3rd place. Kyrgyzstan 2017
- **Asia-Pacific Informatics Olympiad** - Honorable mention. 2016

TECHNICAL SKILLS

- **Programming languages:** C++, TypeScript, JavaScript, Python, Scala, C#
- **Technologies:** Node.js, Git, MySQL, D3.js, Web Audio API, Docker
- **Skills:** Algorithms, Data Structures, Problem Solving