

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:** Operating Systems, Introduction to Algorithms, Software Engineering, System Programming, Object Oriented Programming, Data Structures, Principles of Programming Languages, Computer Architecture, Discrete Mathematics, Database systems, Theory of Computation
 - **Honors:** Global Dream Scholarship (full tuition waiver + monthly scholarship)

RELEVANT EXPERIENCE

- **Junction Asia Hackathon** Busan, South Korea
Software Developer August 2022, 2 days
 - Built low-code Microsoft Teams extension application for mental health care of employees.
 - Implemented authorization and authentication information security processes using Microsoft PowerApps developing platform.
- **OnSquare HQ** Seoul, South Korea
Software Developer, Intern December 2021 – February 2022
 - Developed and added new features to a multi-functional web-editor program. Maintained and regulated object sequences, where each object sequence is music, photo, PDF and other editors. [TypeScript, JavaScript, Redom.JS]
 - Migrated audio editor written on Aurora.js to Web Audio API which reduced audio processing time by 2.4 times (from 10sec to 4.5sec avg) and reduced the codebase by 30%. [TypeScript, Web Audio API]
 - Designed audio parameter visualization and optimized audio data conversion algorithm for 2x. [D3.js, TypeScript]
- **UNIST AI and Robotics lab** Ulsan, South Korea
Software Developer, Intern December 2019 – February 2020
 - Contributed to the research project on developing VR User Interfaces. Worked on testing, debugging, and collecting user data to improve virtual UI's usability. [C#, VR, UNITY 3D]
 - Created virtual UI model of Chrome browser. [C#, Unity 3D]

INDIVIDUAL PROJECTS

- **Let language (March 2022)**
Designed unique programming language by extending general Programming Language semantics and logic. The Let language functions as static language and can handle recursion, loop, if else operations
[Scala, C++]
- **Task Manager bot (November 2021)**
Developed Telegram Bot for Task Managing. Task Manager bot gets data about next-day appointments/tasks, sends reminders, and records task completion. The bot sends weekly and monthly task completion summary
[Node.js, Telegraf, Telegram API, Heroku]
- **CarSharing App (July 2021)**
Implemented REST application for car sharing project which uses Create/Read/Update/Delete requests to the server for manipulating car data and estimate the expected amount of payment, debt, and the profit.
[JavaScript, Node.js, Nest.js, Postman, MongoDB]

ADDITIONAL EXPERIENCE AND AWARDS

- **Teaching Assistant at AI programming**
Assisted course instructor in teaching Python and AI basics to 100+ students, UNIST 2022
- **Bronze medal, Eurasian Olympiad in Informatics**
Awarded Bronze medal in competitive programming Olympiad among CIS students, Kazakhstan 2017
- **Third Prize, National Olympiad in Computer Science**
Top 3 in nationwide competitive programming Olympiad among high school students, 2017
- **Honorable Mention, Asia-Pacific Informatics Olympiad**
Top 15% in IOI-like competition for delegations within the Asian and Western Pacific regions, 2016

TECHNICAL SKILLS

Programming languages: C++, JavaScript, Python

Technologies: Node.js, Git, MySQL, D3.js