Gansaikhan Shur

A responsible and versatile software engineer looking to make a positive impact on society at global scale
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PROFESSIONAL SUMMARY

A Software Engineer with strong fundamentals in algorithms, software development, maintenance, and testing. Eager to continue learning from industry leaders and develop strong software engineering knowledge.

WORK EXPERIENCE

Software Engineer, AppTek   **Jul 2021 - Current**
- Developed and maintained data quality assurance software. The software automated and reduced previous human time spent by over 90 percent. Assured that we meet our financial goals and satisfied customer needs
- Supported the maintenance of audio and text alignment framework. Lead a team to expand the company's software for additional 5 languages which lead to attracting more customers
- Supported the data team with analysis of big data, data acquisition, normalization, and quality assurance for over 300 deliveries, assuring customer satisfaction and meeting financial goals
- Expanded the company's ASR language library with state-of-the-art ML model for Afrikaans with 26% WER
- Conducted R&D tasks based on RETURNN (TensorFlow based) and ASR toolkits. The R&D work focused on CTC, end-to-end models, hybrid BLSTM models, and RNNT

SKILLS

Programming Languages: Python, Go, C/C++, Java, R, SQL, Bash scripting
Technologies: Unix/Linux, AWS, Azure, Git, MySQL, TensorFlow, RETURNN, Jira

Internships

Software Engineer Intern, AppTek   **May 2019 - May 2021**

- Developed a web application for the data team, automatedtasks that were previously done on excel
- Supported maintenance and development of various production software, ensured services ran bug-free.
- Supported the data team with understanding and analysis
- Conducted R&D tasks on hybrid BLSTM models

EDUCATION

Bachelor of arts, Computer Science & Data Analytics, Concordia College   **Aug 2017 - May 2021**

AWARDS AND ACCOLADES

- Outstanding Computer Science/MIS student of 2019 – 2020   **2020**

EXTRA-CURRICULAR ACTIVITIES

- Founder & Ex-President, Computer Science and Software Engineering Club   **Nov 2017 – Jan 2020**
  - Organized and lead teams for competitive programming competitions.
  - Provided learning opportunities for current students and alumni.