Shyngys Karishev

Portfolio: karishev.com
Github: github.com/karishev
Email: shyngyskarishev@gmail.com
Mobile: +971-50-199-67-09

Education

New York University Abu Dhabi   Sep 2020 - Expected May 2024
Bachelor of Computer Science and Interactive Media   *GPA: 3.76*
Relevant Coursework: *Software Engineering, Operating Systems, Computer Systems Organizations, Algorithms, Data Structures*

Experience

Research Assistant   Abu Dhabi, UAE
NYU Abu Dhabi   *Sep 2023 - Present*

- Led the frontend development and integration of a dynamic web tool for Conjoint Research, enabling researchers to design and export intricate conjoint surveys for platforms like Qualtrics.

- Presented and conducted user testing at the MENA and Asian Political Methodology Conference 2024.

Software Engineer Intern   Belgrade, Serbia
Yandex   *Jun 2023 - Sep 2023*

- Decreased code-related issues by 20% through overhauling legacy code and documentation, effectively removing deprecated dependencies and improving maintainability.

- Enhanced project scalability and sped up development by assisting in the transition to a monorepository using Turborepo and pnpm, which resulted in fewer bugs and made the project more manageable.

- Improved the performance of the app and the efficiency of testing by successfully moving a feature from the main code to operate as an independent platform using CI/CD, Docker, and ReactJs.

Software Engineer Intern   Tokyo, Japan
Borderless.so, Remote   *Jun 2023 - Aug 2023*

- Built a comprehensive web scraper using Node.js, capturing critical information from 250 universities, enriching the pool of resources, and boosting user engagement on the platform.

- Implemented a novel feature leveraging Next.js, Prisma, and tRPC, enhancing the website's functionality and improving user interaction

- Developed efficient Prisma queries for precise database manipulations, which reduced data retrieval times by 30%, contributing significantly to overall system performance and reliability.

Front End Developer   New York, USA
NYU Holodeck High Speed Research Network   *Oct 2022 - May 2023*

- Engineered the foundational structure of the website from scratch, using Next.js, TypeScript, and Material UI, providing a platform for user interaction and information exchange.

- Utilized an agile work environment to iteratively present, receive feedback, and improve on the website's UX and UI design on a weekly basis.

Projects

NotParkour ⬈   *Mar 2022 - May 2022*
- Implemented and designed an arcade-style collaborative 2-player web game using Node.js, Express, p5.js, and Socket.io
- Deployed the website to the cloud hosting platform for further use

Skills Summary

- **Programming Languages**   JavaScript, TypeScript, C++, Python

- **Frameworks/Tools**   React.js, Next.js, Prisma, Git, Node.js, Express, Figma, Nest.js, Jira

Activities

Adal Volunteers Club   *June 2018 - Aug 2020*
Chairman of one of the biggest volunteering organizations in Kazakhstan
- Coordinated 20+ events
- Opened 3 branches in Astana high schools

Honors and Awards

- **National Mathematics Olympiad in Kazakhstan 2017** - Top 9 among 100+ participants

- **International Zhautykov Olympiad in Mathematics 2019** - Bronze Medalist among 300+ participants

- **National Mathematics Olympiad in Kazakhstan 2018** - Bronze Medalist among 100+ participants