Zhandos Brown

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EDUCATION

Boston University   **Boston, MA**

BA, Mathematics & Computer Science   *Graduation Date: May 2026*

WORK EXPERIENCE

Spark! Innovation Fellowship   **Boston, MA**

Software Developer   *Jan 2024 - May 2024*

- Spearheaded development of DrivMi, fully functional designated driver app, by leading cross-functional team through Agile methodologies, utilizing Firebase for secure and scalable database storage, and integrating Google Maps for real-time location tracking and route planning.
- Developed and optimized custom driver matching algorithm, improving response times by 40% and enhancing user satisfaction by matching drivers based on proximity, availability, and ratings.

80edays - ChargeHotels   **Boston, MA**

Full Stack iOS Developer Intern   *Apr 2023 - Dec 2023*

- Led development of feature-rich iOS application in designing and deploying for Europe's largest rally event, using SwiftUl, UlKit, and Combine for a robust and user-friendly interface.
- Integrated multiple APls and developed backend solutions using Node.js, supporting functionalities like hotel reservations, car model details, and license verifications, improving operational efficiency.

80edays - ChargeHotels   **Boston, MA**

Software Engineer Intern   *Feb 2023 - Mar 2023*

- Collaborated in planning and architecture design of high-profile mobile app for major European rally event, participating in technology stack decisions and initial API development using Node.js and Express.
- Engineered secure authentication systems using OAuth and JWT for robust user experience and session management, alongside integrating third-party services like Firebase for notifications and analytics.

PROJECT EXPERIENCE

OQIGA.AI   **Boston, MA**

oqiga.vercel.app   *Feb 2024 - Feb 2024*

- Engineered pioneering educational platform using React.js for frontend and Flask for backend, featuring interactive storytelling with parental voice integration through IPython and Google Colab.
- Achieved second place at MakeHarvard 2024 hackathon, demonstrating project's innovation and impact in educational technology, and garnering significant interest and acclaim.

MyGapMentor   **Boston, MA**

mygapmentor.verlcel.app   *Jun 2023 - Aug 2023*

- Developed dynamic GPT4-powered platform tailored for gap year students, offering personal plans on extracurriculars, leading to 40% increase in successful career outcomes upon entering college.
- Secured over $50,000 in support from Microsoft for Startups Founders Hub, propelling project's growth.

SKILLS

Programming Languages: Python, Java, Swift, JavaScript, TypeScript, HTML/CSS

Frameworks: React.js/React Native, Next.js, Node.js, Express.js, Material-Ul, Flask, SwiftUl, UlKit, Bootstrap

Technologies: Git, GitHub, CloudKit, Core Data, Firebase, CocoaPods, Azure, Autodesk 3ds Max, Excel

Languages: English (Native), Kazakh (Native), Russian (Native), Kyrgyz (Intermediate), Turkish (Intermediate)