Murad Novruzov

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EDUCATION

McGill University   **Expected Graduation: 2027**
BSc in Computer Science   *Montreal, QC, Canada*

EXPERIENCE

MindVista (McGill Student-run Club) ↗   **November 2024 – present**
Web and Tech Developer   *Montreal, QC, Canada*

- Migrating the organization's website (www.mindvista.ca) to a new framework - **React.js** - to improve long-term scalability and ease of management.
- Overseeing the maintenance and content updates of MindVista's website, which resulted in record number of visitors with **106% increase**.
- Implementing tailored features and functionality to enhance the user experience and streamline content management during the transition to the new framework.

ARB (Azerbaijan Republic Broadcaster) ↗   **June 2023 – August 2023**
IT and Web Development Intern   *Baku, Azerbaijan*

- Supported the development and maintenance of ARB's website and digital platforms, implementing updates and bug fixes to improve performance and enhance the user interface, which resulted in a **15% improvement** in site performance metrics.
- Worked closely with web developers on the implementation of responsive design and new web features, such as interactive video content integration and improved site navigation, boosting user engagement.
- Assisted in backend development tasks, including optimizing database queries and improving website load times through performance tuning, enhancing the scalability of the site's infrastructure.

PROJECTS

Portfolio Website | React.js, JavaScript, HTML, CSS, GitHub Pages   **June 2024 - present**

- Architected and developed a fully responsive personal portfolio website using **React.js**, implementing reusable components and optimizing performance through lazy loading and code splitting for efficient content delivery.
- Engineered smooth and interactive user experiences by integrating custom animations, dynamic content rendering, and event-driven features such as scroll-based header behavior and hover-triggered element scaling for enhanced user interaction.
- Deployed and configured the website on **GitHub Pages**, implementing advanced client-side routing techniques to handle single-page application (SPA) behavior while resolving limitations of static hosting environments, such as subpage access and favicon routing.

ReLease | Python, "Dash" framework, MongoDB, HTML, CSS, Git   **January 2024**

- Developed "ReLease", a website leveraging Python's **Dash framework** and **MongoDB**, designed to connect Montreal tenants seeking to transfer their apartment leases, addressing the local housing crisis.
- Implemented a user-friendly interface allowing tenants to post listings, detail lease agreement clauses, and specify desired transfer periods, streamlining the lease transfer process.
- Secured the domain "**www.re-lease.biz**" for future hosting, demonstrating foresight and commitment to providing a dedicated platform for lease transfers in Montreal.

SKILLS

Languages: Python, C++, JavaScript, Swift, Java, C, TypeScript, HTML/CSS, Bash, Assembly
Frameworks/Tools: React.js, Node.js, WordPress, Django, Dash (Python), Git