




Murad Novruzov

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EDUCATION

McGill University

Bachelor of Science in Computer Science - **CGPA: 3.21**

August 2023 – present (Graduate year: 2027)

Montreal, QC, Canada

EXPERIENCE

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.
- Collaborated on the deployment of multimedia content, focusing on ensuring compatibility across various browsers and devices, as well as optimizing video streaming quality for online audiences.

PROJECTS

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.
- Conducted extensive market research to identify a gap in services for lease transfers, resulting in a specialized website that meets the specific needs of Montreal residents during a housing shortage.

Portfolio Website | React.js, JavaScript, HTML, CSS, GitHub Pages

June 2024

- 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.
- Incorporated external service integrations including seamless redirection to GitHub, LinkedIn, and email via custom-designed icons, ensuring consistent branding and user accessibility across multiple platforms.
- 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.

TECHNICAL SKILLS

Languages: Python, Java, C, Bash, HTML/CSS, JavaScript, TypeScript, Assembly

Frameworks: React.js, Node.js, Django, Dash (Python)

Developer Tools: Git, MongoDB, Visual Studio, PyCharm, IntelliJ IDEA, Xcode