

SERGEI BORJA

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CAREER OBJECTIVE

Computer Science student with a minor in Digital Experience Design, seeking a UX/UI design internship or entry-level position. Looking to apply skills in user research, interaction design, and prototyping to create accessible, user-centered digital experiences.

SKILLS

UX Research & Strategy

- User Interviews, Usability Testing, Journey Mapping, Information Architecture, Heuristic Evaluation

UI & Prototyping

- Wireframing, Prototyping, Interaction Design, Design Systems, Visual Hierarchy

Tools & Technologies

- Figma, HTML, CSS, TypeScript, React, Node.js, Express, Next.js, RESTful APIs, Git, Vite
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EDUCATION

Grant MacEwan University (Expected Dec. 2025)

Edmonton, AB

- Bachelor of Science, Major: Computer Science | Minor: Digital Experience Design

Northern Alberta Institute of Technology (Sept. 2019 - Apr. 2021)

Edmonton, AB

- Biological Sciences Technology - Environmental Monitoring and Assessment
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PERSONAL PROJECTS

TELUS World of Science Edmonton - Mobile AR Way-Finding & Exploration App

(Sept. 2024 – Dec. 2024)

- Collaborated with two designs to tackle guest navigation stress, creating a high-fidelity mobile concept that fuses an interactive 2D/3D map, AR-arrow guidance and a collectable stamp-book reward system, prototyped in Figma.
- Prototyped spatial navigation flows in Adobe Aero, overlaying directional arrows onto exported Figma screens to help stakeholders visualise real-time way-finding without a single line of production code.
- Designed a stamp-book mechanic that awards digital stamps for scanning exhibits where every early tester completed at least one page and reported higher enjoyment and motivation.
- Validated usability through four remote pilot studies and two on-site sessions, iterating on accessibility toggles such as zoom, audio prompts and wheelchair-friendly routes that all six testers found effective and intuitive.

The Elder Scroll: Skyrim - Quest Log Redesign

(Jan. 2024 – Apr. 2024)

- Collaborated with two teammates to transform the quest log from a dense list into an immersive in-game journal, prototyping a tabbed interface with colour-coded quests and an instant map link in Figma.
- Conducted heuristic and competitor analyses, ten user interviews, and guided play tests with two teammates, discovering pain points related to discoverability and information overload.
- Iterated from low to high-fidelity prototypes, adding a quest synopsis page and one-click map toggle that usability testers rated intuitive and noticeably faster for finding quest details.
- Performed usability tests with seven participants, boosting Inuit usability scores across key tasks: map quest-finding improved from 17.86 to 100, completed-quest comprehension rose from 64.29 to 88.10, and new-quest discovery increased from 85.71 to 95.23.