Joshua Carr

(they/them)
User Experience | Software Development | Human Factors
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I'm an interdisciplinary technology professional with background in cognitive psychology and human-computer interaction. My main interest is in studying the complex and evolving relationships between people and the technology we use; how our needs shape the technologies that in turn shape us and our societies.

Experience

Corporate Services Coordinator (AS-03)
Digital HR, Department of National Defence (Remote, Canada)
July 2021 - Present

- Worked in a Product Management role for DND Careers, a recruitment platform for the Department of National Defence which hosts over 3500 user accounts.
- Agile (Scrum) workflow, CI/CD.
- Requirements analysis, developing acceptance criteria, writing technical specifications.
- Working with Stakeholders to prioritize issues and deliver business value.

Junior Business Analyst (EC-02)
Strategic Directions, Service Canada (Gatineau, Québec, Canada)
May 2019 - April 2020

- Conducted quantitative data analysis on various organizational data sources using R to support and inform business decision-making.
- Developed data visualizations, reports, and research proposals.
- Generated qualitative artifacts including Personas, Journey Maps, and Service Blueprints.

Research Assistant
Carleton University (Ottawa, Ontario, Canada)
September 2018 - September 2020

- Designed and built a prototype user-authentication system for brain-computer interface devices using JavaScript and MongoDB.
- Conducted in person usability testing as well as remote semi-structured interviewing and online surveys.
- Performed statistical data analysis and hypothesis testing using R.

Education

Master of Applied Science in Human-Computer Interaction
September 2018 - September 2020
Carleton University (Ottawa, Ontario, Canada)

Bachelor of Science (Honours) in Psychology
September 2011 - April 2015
Trent University (Peterborough, Ontario, Canada)

Skills

- Technologies: Linux/Unix, Bash, R, JavaScript/HTML/CSS, Python, Go, MongoDB, GitHub,
- Hard Skills: Software Project Management, User-Centric Design, User Research, UX Evaluation, Requirements Analysis, Technical Writing, Agile/Scrum, Data Analytics, Research, Data Visualization,
- Soft Skills: Analytical Thinking, Prioritization, Adaptability, Team-Orientation, Technology Literacy, Communication, Knowledge Management, Stakeholder Collaboration, Remote Teams,