

Greyson Mannella

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(587) 500-5276

Calgary, AB

EDUCATION

Bachelor of Science in Computer Science - University of Calgary 09/2015 - 06/2020

Concentration in Data Visualization and Analytics, Minor in Biological Sciences

Related Projects

Heuristic Evaluation of Autism Accessibility in Augmentative and Alternative Communication

Applications - Computer Science 503.07 (Project in Human-Computer Interaction)

- ※ Designed and conducted original research on software accessibility. Performed a literature review to develop a set of evaluation heuristics. Evaluated software, analyzed data with Excel, and reported results via Tableau visualization, formal paper, and presentation to supervisors.

Evaluating and Extending the Use of Wikipedia as a Predictor for Election Outcomes -

Computer Science 571 (Database Implementation)

- ※ Performed a replication study of an existing paper, compiling a 360-item database of polls and search data for Canadian electoral candidates. Applied authors' model for election prediction using Excel and R. Documented project in a formal paper and presentation to class.

SKILLS AND QUALIFICATIONS

- ※ 5 years programming experience in Python, Java, C++, ARMv7/v8 Assembly, HTML and CSS
- ※ 4 years data processing, analysis, and visualization experience in Microsoft Excel, R, Tableau
 - Used in Ecology laboratory courses and Information Visualization course to interpret experimental data, create interactive visualizations
- ※ 2 years database design experience in SQL, MongoDB
- ※ Variety of other computer skills including LaTeX typesetting, Git, Microsoft Office
- ※ Bilingual in English and French, holds Diploma in French Language Studies (DELF B2)
- ※ Thrives in collaborative environments with open communication and feedback

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WORK EXPERIENCE

E-Commerce Service Specialist - Trans-Canada Save-On-Foods 03/2020 - Present

- * Ensures accurate and timely fulfillment and documentation of online grocery orders

Shift Lead, Customer Service Representative - Calgary Zoo 05/2018 - Present

- * Trains and supervises up to three Concessions employees per shift, ensuring adherence to service, cash handling, sanitation, opening, and closing procedures
- * Applies a variety of operational and equipment protocols across 11 different locations on grounds

Q Centre Coordinator - University of Calgary SU Volunteer Services 08/2019 - 03/2020

- * Managed a team of 40 volunteers, including recruitment, training, scheduling, and task delegation
- * Created, advertised, and facilitated educational and social events, including the Science Alliance project, a monthly event promoting diversity in STEM programs
- * Established Lead Volunteer program for volunteers to build leadership skills by managing teams

Guest Experience Leader, Crew Member - Deerfoot City McDonald's 05/2016 - 08/2016

Prep Cook, Dishwasher - JOEY Crowfoot 08/2014 - 08/2015

VOLUNTEER EXPERIENCE

Board Secretary, Events Coordinator - Mount Royal Artio Choir 06/2017 - Present

- * Collaborates with two board executives to delegate administrative tasks, organize fundraisers
- * Co-chairs monthly meetings, produces and distributes agenda and minutes for each meeting
- * Plans and hosts monthly social events in a two-person subcommittee

Q Centre Volunteer - University of Calgary SU Volunteer Services 09/2015 - 04/2018

- * Received accolades for leadership such as 2018 Volunteer Services Portfolio Award
- * Managed posting schedule for social media team, communicated at biweekly meetings
- * Maintained typical centre operations by assisting visitors, providing peer support sessions