

STUART DUNCAN

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EDUCATION

PhD, Media and Design Innovation (in progress) - 2021 to Present

Ryerson University, Toronto, ON

Master of Arts, Communication and Culture - 2021

Ryerson University, Toronto, ON

Project-Paper: *News Personalization - Do journalism audiences prefer algorithms over editors?*

Bachelor of Arts (Honours), Computing and Information Science - 2001

University of Guelph, Guelph, ON

RESEARCH AND TEACHING INTERESTS

- Computational journalism
- Social media content development
- Computational social science
- Critical algorithm studies
- Audience analysis

TEACHING EXPERIENCE

Ryerson University - Toronto, ON

Lecturer

RTA 963 - Web Design - Winter 2021

- Adapted course syllabus
- Created course shell in D2L online learning platform
- Preparing and delivering live-streamed lectures in Zoom
- Marking assignments and final papers

Teaching Assistant

CMN 432 - Communication for Engineers - Fall 2021

RMG 821 - Research and Analytics in Social Media - Fall 2019

- Marking coursework
- Creating and leading two lectures on social media privacy and social media brand audits
- Supporting students during in-class activities

George Brown College - Toronto, ON

Professor - School of Design

INTR 1002 - Information Architecture 1 - Winter 2021

INTR 2015 - Social Networks - Winter 2019

- Preparing and delivering in-person weekly lectures
- Developing syllabi and coursework
- Creating digital course shells using Blackboard online learning platform
- Marking assignments and final papers
- Leading and creating classroom activities
- Delivering courses in an online environment including delivering pre-recorded and live-streamed lectures

PROFESSIONAL EXPERIENCE

Canadian Broadcasting Corporation - Toronto, ON

Social Media Producer - CBC News - 2016 to Present (Currently on leave)

- Facilitate the creation of social media content in one of Canada's largest newsrooms
- Responsible for assigning editorial tasks to team of content producers
- Writing captions, headlines and description copy tailored for social media success

Digital Producer - The Fifth Estate - 2013 to 2016

- Overseeing the digital production of investigative documentary news program
- Creation of content for social media and video on demand platforms
- Leading development of special interactive digital content

Digital Producer - Unscripted Programming - 2009 to 2012

- Coordinating the digital content of entertainment and reality programming including Dragons' Den and other key CBC properties
- Planning and implementation of sponsored marketing campaigns

Associate Digital Producer - Unscripted Programming - 2007 to 2009

- Overseeing the digital production of investigative documentary news program
- Creation of content for social media and video on demand platforms
- Leading development of special interactive digital content

NOW Magazine - Toronto, ON

Interactive Assistant - 2006 to 2007

- Editing and post production work on audio material for web streaming
- Web development and maintenance of website using CSS, Flex and Flash

CFRU-FM - Guelph, ON

Technical and Production Coordinator - 2004 to 2006

- Editing and post production work on audio material for web streaming
- Web development and maintenance of website using CSS, Flex and Flash

RESEARCH EXPERIENCE

Ryerson University - Toronto, ON

Research Assistant, Explanatory Journalism Project - 2019 to Present

- Research on the uptake and impact of explanatory journalism
- Computational analysis on social media and textual data using linguistic and machine learning tools
- Extensive web scraping and API-based data collection using Python

AWARDS

- Ryerson Graduate Fellowship - 2019 to Present
- Ryerson Graduate Development Award - 2019

PUBLICATIONS

Review of *Smartphones and the News*, by Andrew Duffy, *European Journal of Communication*, (October 2021).

CONFERENCE PRESENTATIONS

- “Automated Audio News Bulletins: How Text-to-Speech Could Disrupt the News Industry” (2021) - *Canadian Communication Association Annual Conference*. University of Alberta, Edmonton AB.
- “BulletinBot: How AI-based text-to-speech could change the news industry” (2021) - *Transformation of Newsrooms with the Advent of Artificial Intelligence Journalism*. Charles University, Prague, Czech Republic.
- “Will Artificial Intelligence Replace the Journalist?” (2019) - *Future Communications Conference*. York University, Toronto ON

ACADEMIC SERVICE

Submission Reviewer, *71st Annual International Communication Association Conference - 2021*

CERTIFICATIONS

Graduate Teaching Development Program: Level 1 - Teaching Foundations - 2020 - Ryerson University, Toronto
ON

PROFESSIONAL MEMBERSHIPS

- Canadian Association of Journalists - 2020 to Present
- Canadian Communication Association - 2021 to Present

SKILLS

- **Specialities:** Interactive production, content development, analytics, programming, web scraping, video editing, image editing, digital photography, search engine optimization, social media coordination, audio production, live sound mixing, writing, researching, editing
- **Web development and programming languages:** CSS, Django, HTML, Javascript, PHP, Python, SQL
- **Content management systems:** Drupal, Expression Engine, Joomla, Movable Type, Wordpress
- **Software:** Adobe Photoshop, Adobe Premiere, Adobe Audition, Adobe Illustrator, Adobe InDesign
- **Operating systems:** Windows, Mac OS, Linux