



Profile

- BA(Hons) in Economics with Business, as well as recently-earned industry certifications in web development and data visualization.
- 3+ years experience designing and deploying database-driven applications for over a million public library patrons, and over 1200 schools.
- Knowledgeable in the design and maintenance of both relational and non-relational databases, and able to write efficient queries for both.
- Extensive experience cleaning, linking and analyzing large datasets to provide support, advice and guidance to a variety of government, NGO, and corporate clients.

Skills & Work Samples

- Skills include data cleaning/analysis/visualization, database management (incl. Trevlac), advanced Excel, HTML5, CSS3, web accessibility, Javascript, mySQL, MongoDB, Ruby, Git, Visual Basic, Google Script, project management, program evaluation, survey development.
- For samples of my work, see my portfolio (<http://lukewalker.org>), my Github profile (<https://github.com/ubershibs>), and Linked In (<https://ca.linkedin.com/in/lukewalker>).

Experience

INFORMATION MANAGEMENT COORDINATOR, DEPARTMENT OF EDUCATION, EARLY LEARNING AND CULTURE: SUMMERSIDE, PE – 11/2017- PRESENT

- Provide data analysis and interpretation in response to information requests from department and external clients, in compliance with FOIPP and other legislation.
- Provide guidance on indicator development at CMEC's SMC and sub-committees, and prepare statistics and data submissions for reports provincially (e.g enrolment, graduation rates), nationally (e.g. PCEIP, ESES) and internationally (NESLI).
- Manage the provincial student information system, Trevlac, liaising with PSB, CSLF, and private schools to ensure the integrity of yearly snapshots, and facilitate the Student Records Management Steering Committee responsible for student records and the transcripts.
- Support the collection of student information information for sampling in assessments.
- Plan and implement, as part of a working group, program evaluations (e.g. Student Well-being Program evaluation) and surveys (e.g. OurSCHOOL).
- Coordinate DEELC web content on princeedwardisland.ca, supporting divisional content admins, and collaborating with Web Digital Office (Web Renewal) and Communications staff.

CAREER TRANSITION FACILITATOR, STUDENT GRADUATION & TRANSITION PLANNER PROJECT, PUBLIC SCHOOLS BRANCH: SUMMERSIDE, PE – 09/2017 - 11/2017

- Support educators implementing the My Plan career development program in a variety of courses/subjects at schools across Prince Edward Island.
- Collaborate with DEELC staff to plan and facilitate professional learning sessions for educators.
- Migrate the My Plan website to a new platform to optimize for use on students' Chromebooks and improve accessibility for students with special needs.
- Assist program evaluator with the cleaning, coding, and analysis of annual survey data.

Experience (cont'd)

FREELANCE WEB DEVELOPER & PROJECT MANAGER: 06/2016-08/2017

- Advised clients on solutions to their businesses' most pressing concerns, whether that involves a custom development effort or simply a new messaging strategy.
- Successes included automating a client's new-customer on-boarding using Google Script to customize Google Forms/Apps/Drive; and using Node.js to extract data from hundreds of separate HTML files for analysis.

PRODUCT MANAGER, BIBLIOCOMMONS INC: TORONTO, ON – 03/2012-10/2015

- Designed and deployed large-scale database-driven web applications for libraries across North America and 1200 schools in the New York City Department of Education system.
- Coordinated the seamless transfer of student/patron data between multiple systems, adhering to all relevant privacy legislation in the U.S. and Canada.
- Implemented a new reporting system for libraries to capture and track use of a Summer Reading platform by over 100,000 library patrons per year.

MARKETING MANAGER, CAREER CRUISING: TORONTO, ON – 09/2008-11/2011

- Developed and implemented marketing strategy, systems and processes for an industry leader in online career education and learning plan development.
- Managed presence at 100+ exhibitions/trade shows per year.
- Coordinated in-house and freelance designers creating online, print and exhibition materials.

EDUCATION PROGRAM MANAGER, TAKINGITGLOBAL: TORONTO, ON – 05/2004-08/2008

- Designed, coordinated development of, and managed TIGed.org, an online social networking tool for classrooms, focused on collaborative global education.
- Secured grants from \$25,000 to \$500,000 from sources including the MarArthur Foundation, Microsoft Partners in Learning, and the Government of Canada.
- Chaired the Ontario Council for International Cooperation's Global Citizenship Working Group and served on the Host Committee of the 2006 International AIDS Conference.
- Delivered keynotes and presentations at educational conferences around the world.

NON-CERTIFIED SUBSTITUTE TEACHER, WESTERN SCHOOL BOARD: PE – 09/2003-05/2004

Education & Training

PEI Public Service Commission – Introduction to Lean Six Sigma (Feb 2017), Recorded Information Management Basics (Apr 2018), Program Evaluation 101 (Oct 2018), 102 & 103 (Jan 2019)

Free Code Camp – online web development certifications, completed from 04/2016-11/2016. Links to projects and certifications at: <http://www.freecodecamp.com/ubershibs>

Acadia University, Wolfville, NS – BA(Hons) Economics w/ Business: 09/1999-04/2003