

# IAN DUKE

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## SKILLS

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**Front-End:** HTML, CSS, jQuery, AJAX, Wordpress, Photoshop, React

**Back-end:** Node.js, Express.js, Ruby, Rails, Javascript, Knex.js, MongoDB, PostgreSQL

## EDUCATION

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### Lighthouse Labs

Web Development (Immersive) 2017

### Humber College

Certificate in Occupational Health & Safety 2015

### Georgian College

Ontario Advanced College Diploma in Aviation Management 2009

## PROJECTS

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### Pairwise mentoring platform - <http://bit.ly/2wgJu4O>

A project-driven mentoring platform for experienced devs and learners to collaborate and grow. Powered by Ruby on Rails 5.0 and PostgreSQL.

### Smart To-Do List app - <http://bit.ly/2uVLtu6>

Worked in a team of three to build this SPA that auto-categorizes your media, location, or product query using Google Custom Search API metadata. Stack included Node.js, Express.js, AJAX, Knex.js, and PostgreSQL.

### Rails e-Commerce Site - <http://bit.ly/2tQj2NN>

With three days' experience in Ruby, enhanced an online storefront (Rails 4.2) to include features like user registration & authentication, product ratings/reviews, detailed order summaries, and automated emails.

### Greater Toronto Multiple Alarm Association - <http://www.gtmaa.com>

Independently developed and deployed site for Wordpress platform. Integrated live XML data from the City of Toronto and leveraged APIs from Flickr, Google Maps and Broadcastify.com.

## EMPLOYMENT

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### Flight Safety Manager, Corporate Safety, Env. & Quality, *Air Canada* Jul 2012 - May 2017

- Provided expert feedback to pilots regarding Air Safety Reports and matters of fatigue, hazards & OSH
- Managed complex studies and supported requests for safety data from a range of clients including Branch Managers, Business Intelligence and Executive Management.
- Generated presentations highlighting safety statistics, hazards, trends, and top concerns.

### Safety Specialist, Flight Operations, *Air Canada*

Aug 2011 - Jun 2012

- Received, coordinated, and addressed safety issues reported by flight crews.
- Identified and investigated latent risks & monitored effectiveness of corrective actions.
- Maintained the Air Safety Report database and ensured files were properly completed.

### Flight Safety Analyst, Flight Operations, *Air Canada*

Mar 2010 - Aug 2011

- In this role I was the in-house expert on safety reporting tools and data trending for Flight Ops
- Developed safety metrics & benchmarked AC against peer carriers to enhance safety picture
- Authored statistical and technical info for a variety of internal and external stakeholders

### Owner / Photographer, *Duke Aerial Photography*

Jun 2006 - Dec 2011

Performed oblique aerial photography for clients across Southern Ontario and Quebec. Oversaw all aspects of business launch and operation. Captured imagery from a variety of fixed-wing and rotary aircraft.

## VOLUNTEERING

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### Greater Toronto Multiple Alarm Association

2010 - Current

Provide rehab services for Toronto Fire Services at emergency scenes and fire department functions. Served as website admin and social media officer from May 2011 to present.

### Goodyear Toastmasters - Speaker, Leader, Mentor

2012 - 2016

Improved my communication and leadership skills and helped others in need of feedback and mentoring. Served as Club VP of Education for 2013-14 and as Club Secretary for 2015-16 term.