

# IAN DUKE

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## SKILLS

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

**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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### Rails e-Commerce Site

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.

### Smart To-Do List app

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, Knex.js, and PostgreSQL.

### URL Shortener

Web app built with Node.js and Express.js to shorten long URLs, similar in concept to bit.ly

### Greater Toronto Multiple Alarm Association

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 - **gtmaa.com**

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.