

# W. SLOAN CRAWFORD, M.Sc.

[sloan.crawford@gmail.com](mailto:sloan.crawford@gmail.com) | 647.222.8780 | [Portfolio](#) | [GitHub](#) | [LinkedIn](#)

## Software Engineer | Javascript Developer | React.js & Typescript

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**Web developer** with a demonstrated history of building visually aesthetic, responsive, functional and accessible web applications. A proven history of strong ethics, professionalism, adaptability and results from diverse experiences in education, marketing, management and leadership roles. Experienced in producing high level projects using the following skills and technologies:

- HTML5, CSS3, JavaScript, jQuery, Async/Await, Ajax, React.js, Typescript
- CSS pre-processors including Sass/Scss, Flexbox and Grid
- Responsive Design, UI Design/Layout frameworks (i.e., Bootstrap) & SEO Principles
- Data structures, Algorithms, Object-Oriented Design and Design Patterns
- Git, GitHub, Browser dev tools and deployment (i.e., Netlify)
- Excellent communication, analytical abilities and an experienced remote worker

## EDUCATION

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### **Masters of Science**, 2016, 3.98 GPA (A+)

*D'Youville College, Buffalo, NY, USA*

- Additional Qualifications: Tech Education, French, Advanced Assessment, DASA, Violence Prevention
- Trained in Tribes (positive learning environments) and MISP (Mindfulness Programs).

### **Bachelor of Business Administration**, 2009, Major: Marketing/Psychology, 3.5 GPA (A)

*College of William & Mary, Williamsburg, Virginia, USA*

- Director of Communications for the W&M chapter of the American Marketing Association.
- Captain of the collegiate men's gymnastics team, ranked 11<sup>th</sup> in the country. USAG All-American honours.

## WORK EXPERIENCE

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*Freelance, Toronto, Canada*

### **Web Developer**, 2022 to present

- Working with local and international clients to produce numerous professional web applications.
- Publishing over 20 projects solving real-world problems ([GitHub](#) / [Netlify](#)) using JS, React & Typescript.
- Developing and producing a [YouTube Vlog Series](#) documenting projects and communicating my growth.
- Creating and publishing my [Professional Portfolio](#), demonstrating skills in clean, responsive web design.

*Voice Integrative School (Elementary & Middle School), Toronto, Canada*

### **Coding Instructor and Educational Team Lead**, 2016 to 2022

- Taught programming fundamentals from parameters and functions to loops, conditionals and debugging.
- Facilitated a coding club where students competed by programming robots to race through obstacle courses.

- Created & administered professional/academic programs for staff and students, including [distance learning](#).
- Spearheaded recruiting efforts, interview coordination, onboarding and training of educational staff.
- Created and used databases for enrollment, scheduling and finances with Microsoft Access DBMS.

Numerous Elementary and Middle-Schools, Toronto & Brampton, ON / Buffalo, NY, USA

**Primary School Teacher at Ossington School, Ingleborough PS, West Buffalo CS, King Center CS, Stanley Falk School, Elmwood Village CS, McMurrick PS and Maple East PS – Gr. 1-8, 2014 to 2017**

- Facilitated classroom instruction of all subjects for Gr. 1 French Immersion classes at Ingleborough PS.
- Implemented evidence-based instructional tasks in response to diverse individual student needs.
- Introduced progressive methods of instruction and assessment through incorporation of technology.

Appen Butler Hill, Toronto, Canada

**Search-Engine Optimization Analyst (French), 2012 to 2014**

- Reviewed and evaluated French internet search results based on specific search terms.
- Worked exclusively in French to rate search queries based on appropriateness of resulting pages.

Norwegian Cruise Lines (Jewel), USA and Caribbean

**Lead Acrobat & Gymnast, 2013 to 2014**

- Co-created and executed circus shows in flying hoop, silks, bungee gymnastics, hand-balancing & tumbling.
- Worked with my Cirque du Soleil partner to drastically increase the difficulty and level of performance in the pursuit of excellence and top quality entertainment, drawing a packed audience for all circus shows.

PLAYOLA English Institute, Seoul, South Korea

**Kindergarten and Elementary ESL Teacher, 2011 to 2012**

- Facilitated Immersion Kindergarten program classes and afternoon Elementary English classes.
- Designed and administered the entire Kindergarten schedule for all subjects and extracurriculars.

AEON East Japan + AEON Corporate, Saitama & Tokyo, Japan

**ESL & Business English Teacher, 2009 to 2011**

- Led private and group lessons for students of all ages at major international companies including Google.
- Autonomously administered successful intensive workshops and courses spanning several weeks.

Lionbridge, Montreal, Canada

**Web Content Assessor (French), 2005 to 2009**

- Exercised strong French communication skills to review content of internet search results to improve the quality of search engines and increase the relevance of search results in Canada.

College of William & Mary, Williamsburg, Virginia, USA & Burlington B.G.'s, Burlington, ON, Canada

**Gymnastics Coach, 2001 to 2008**

- Head Coach of national-level gymnasts, aged 6 to 14, training 17-20 hrs/week.
- Developed complete training program for each individual athlete, leading to seven top three finishes.
- Also coached boys and girls recreational gymnastics on a weekly basis throughout college career.