

Joanna Ong

FRONTEND ENGINEER

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Skills

- JavaScript - Angular, jQuery, ES6, TypeScript, D3, Highcharts, Pixi (canvas)
- HTML5 - Jade
- CSS3 - Sass / Scss, Less, Stylus, Bem, Bootstrap, Material Design, RWD
- Build Tools - Gulp, Grunt, Webpack, NPM, Bower, Jenkins
- Version Control - SVN, Git
- Firebase
- AWS

Experience

Autodesk, Toronto - *Senior Frontend Engineer*

MAY 2017 - PRESENT

- Work with the team to build high-quality web pages and user interfaces for web applications
- Complete bug fixes and build frontend functionality from feature requirements
- Tech stack: Angular, Redux, NPM, Jenkins, Material Design, SCSS, Git, RESTful apis

INKspire - *Technical Co-founder*

SEPT 2015 - PRESENT

- INKspire is a non-profit organization that strives to inspire and engage youth by providing a publishing platform where they can share their ideas, learn, and connect with other youths around the world.
- Kickstarted the project by building the web platform from the ground up using Angular and Firebase
- Recruit and manage a team of volunteer UX designers and UI developers
- Speaks at workshops and conferences
- Tech stack: Angular, Gulp, NPM, Firebase, Prerender.io, Typescript, Jade, Stylus, AWS

Sysomos, Toronto - *Team Lead, Frontend Engineering*

JUNE 2015 - APRIL 2017

- Scrum Master in an agile work environment
- Work with, and lead the team to build high-quality web pages and user interfaces for web applications
- Complete bug fixes and build frontend functionality from feature requirements
- Work to enhance the proposed solution and produce great user experiences
- Provide development leadership to any junior or intermediate staff when needed
- Build modular, scalable, robust, and reusable code with frontend technologies using good engineering practices for maintenance and security
- Conduct interviews and code test for potential hires
- Tech stack: Angular, Webpack, NPM, Jenkins, TypeScript, D3, Highcharts, Bootstrap, SCSS, Git, RESTful apis

HackerYou, Toronto - *JavaScript Mentor*

MAY 2015 - JULY 2015

- Mentor 3-hour classes over 12 weeks
- Guide students through hands-on exercises and projects, ensuring they're learning course material effectively

Secret Location, Toronto - *Lead Developer*

NOV 2012 - JUNE 2015

- Design system architectures
- Oversee, mentor and set technical standards and direction for the team
- Scope, document, and estimate time against projects
- Scrum Master in an agile work environment
- Conducting interviews and code test for potential hires
- Build reusable code base for future projects
- Active involvement in the creative process, brainstorming, and IA requirements
- Develop frontend applications using HTML5, CSS3, JavaScript, Angular, jQuery, Browserify, Pixi, ES6, Tweenmax, Grunt, Gulp, Sass, Less, Stylus, Bem, Jade, Bower, Yeoman, Jenkins, RESTful apis, AWS

Blackjet Inc, Toronto - *Frontend Developer*

APR 2012 - DEC 2012

- Frontend development using HTML5, CSS3, Sass, RWD, Git jQuery and JavaScript
- Extensive CMS theming and setup for Wordpress

2Gen.net, Hamilton - *Web and Mobile Developer*

MAY 2011 - APR 2012

- Extensive CMS theming and setup for Wordpress, Drupal and Concrete5
- Design and develop interfaces for web and mobile using HTML5, CSS3, jQuery, JavaScript, PHP, MySQL
- Develop interactive microsites and banner ads using AS3 (Flash)
- Composite and edit videos using After Effects and Premiere

FITC, Toronto - *Interactive Developer*

FEB 2011 - MAY 2011

- Snap, Heckle and Bump interactive installation
- Researched and developed appropriate tools to be used for unique identification of every attendee
- Developed interactive installation using FlarToolKit (Augmented Reality) for Flash

Education

Sheridan College, Oakville

Post-grad, Interactive Multimedia

Graduated with High Honours

2010 - 2011

McMaster University, Hamilton

BSc, Life Sciences

2007 - 2010

Awards and Nominations

- FITC
- Webbys
- Canadian Screen Awards
- Digi Awards
- Emmys
- FWA

