JESSICA ZHANG
Front-End Web Developer

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EDUCATION

Web Development Certificate
HackerYou College of Technology
2017

Master of Fine Arts in Medical Illustration
Rochester Institute of Technology
2014 - 2016

Bachelor of Sciences in Life Sciences
McMaster University
2009 - 2013

SKILLS AND TOOLS

HTML5	CSS3	Sass
JavaScript	jQuery	Angular 2
React	Bootstrap	Git
Gulp	Bash	Firebase
Photoshop	Illustrator	Maya

EXPERIENCED WITH

Responsive design
Wireframing
Data APIs
Vector graphics and SVGs
3D modeling
2D and 3D animation
Illustration

WORK EXPERIENCES

Front-End Developer   **April 2017 - Present**
Klokwerks Digital Inc.
- Worked independently and with the interactive department to develop various web products using HTML5, CSS3, JavaScript, jQuery, Angular 2
- Built reuseable code and libraries and assured that all user inputs are validated before submitting to the back-end

Biomedical Animator and Illustrator (Contract)   **May 2016 - Dec 2016**
Mechanisms in Medicine Inc.
- Develop digital interactive patient education modules in a team of 4
- Created medical animations, illustrations and web designs using Adobe After Effect, Premiere, Illustrator, Photoshop, Flash and Autodesk Maya

Graduate Teaching Assistant   **Aug 2015 - May 2016**
RIT Dept. of Medical Illustration
- Advised students on techniques in web development and 3D biomedical visualization for medical illustration portfolios

Medical Illustration Masters Thesis   **June 2015 - April 2016**
RIT Dept. of Medical Illustration / SickKids Hospital
- Created a mobile game in Unity3D using C# to teach patients Leukemia
- Analyzed UX/UI designs to make the app intuitive and engaging

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VOLUNTEER EXPERIENCES

Mentor   **Feb 2017 - Present**
Ladies Learning Code
- Mentored adults and teens with various web development workshops including building responsive websites with HTML and CSS

Medical Illustration Body Painting Exhibitor   **May 2016**
Imagine RIT at Rochester Institute of Technology
- Showcased medical illustration techniques through body painting

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AWARDS

Interactive Media Design Winner   **2016**
Nucleus Global - RIT Collaboration

Valedictorian for College of Health Sciences and Tech   **2016**
Rochester Institute of Technology