

HELGA JIANG

2A Computer Science, Fine Arts Studio Minor
University of Waterloo

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EDUCATION

University of Waterloo · Class of 2019
Computer Science (Honours, Co-op)
Human-Computer Interaction Option
Fine Arts Studio Minor

California Institute of the Arts
Graphic Design Specialization
Online Courses · 2016

SKILLS & TOOLS

Design

UI/UX Design · Web Design · Sketch
Photoshop · Illustrator · InDesign

Development

HTML · CSS · Javascript
Racket · C · Python

AWARDS

Digital Natives Scholarship Finalist
2015 · Top 10 Nationwide

University of Waterloo President's Scholarship
2014 - 2015 · incoming average > 90%

Scored top 25% in four University of Waterloo math contests
2011 - 2014 · Pascal, Cayley, Fermat, Euclid

WORK EXPERIENCE

Undergraduate Research Assistantship May 2016 - August 2016
Cheriton School of Computer Science · University of Waterloo

- Human-Computer Interaction Lab; supervisor: Dr. Edith Law

Research Designer & Developer (Co-op) January 2016 - April 2016
Cheriton School of Computer Science · University of Waterloo

- Human-Computer Interaction Lab; supervisor: Dr. Edith Law
- designed low- to high-fidelity user interfaces and built full-scale prototypes using Javascript/HTML/CSS for various research projects focused in curiosity-driven crowdsourcing
- contributed to multiple research papers

Visual Designer & Themer (Co-op: **Outstanding Evaluation**) September 2015 - December 2015
Ontario Institute for Cancer Research · Toronto, Ontario

- implemented responsive user interfaces for clients using HTML/CSS, Bootstrap
- produced design analysis deliverables such as user personas and scenarios, use cases and feature point documentation

PROJECTS

YouTube Partner: PuddingFishCakes August 2011 - present

- write, film, edit, and upload polymer clay craft tutorials regularly on YouTube channel (youtube.com/puddingfishcakes)
- 180,000+ subscribers; 10.1 million video views; 500,000+ monthly views
- notable collaborations include *DreamWorksTV*, *Amino Apps*, *Gemr*, *Take&Make*
- featured on *Cartoon Network Magazine UK*

Published Author: Clay Charm Magic! Released October 2014
Skypony Press (an imprint of Skyhorse Publishing)

- a children's craft book featuring 25 step-by-step polymer clay projects; available in major bookstores across North America, including *Indigo* and *Barnes & Noble*

ACTIVITIES & VOLUNTEER WORK

Marketing Director: Women in Computer Science Undergraduate 2014 - present

- design marketing assets under strict deadlines for weekly campus events and educational outreach; ~5 items per month

Co-Designer : Confessions of a Notepad (literary journal) 2013 - 2014

- oversaw all design decisions and worked closely with lead editors; later awarded *National Council of Teachers of English Excellence in Student Literary Magazines*