

HELGA JIANG

Computer Science, Fine Arts Studio Minor
University of Waterloo

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EDUCATION

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

Relevant Courses

Elementary Algorithm Design and Data Abstraction, Functional Programming, Intro to Combinatorics, Intro to Digital Imaging

SKILLS & TOOLS

Design

Sketch 3, Photoshop, Illustrator, InDesign, Omnigraffle, Final Cut Pro

Development

HTML/CSS, MaterializeCSS, Bootstrap, C, Racket, Javascript, Python

AWARDS

YouTube Creator Award: Silver Play Button

2015 · achieving 100,000 subscribers

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

Provincial Finalist, Ontario Music Festivals Association

2012 - 2013 · competed in advanced levels for both flute and piano

WORK EXPERIENCE

Research Designer & Developer (Co-op)

January 2016 - May 2016

Cheriton School of Computer Science · University of Waterloo

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

Visual Designer & Themer (Co-op)

August 2015 - December 2015

Ontario Institute for Cancer Research · Toronto, Ontario

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

PROJECTS

Web Development: *helgajiang.com*

August 2015 - present

- complete design and development of site to showcase personal and professional work

YouTube Partner: *PuddingFishCakes*

August 2011 - present

- write, film, edit, and upload polymer clay tutorials regularly on YouTube channel (youtube.com/puddingfishcakes)
- 147,000+ subscribers; 8.4 million video views; 300,000+ monthly views
- established digital brand through logo design, video editing style, and social media presence
- notable collaborations include: *DreamWorksTV*, *Amino Apps*, *Gemr*, *Take&Make*

Published Author: *Clay Charm Magic!*

Released October 2014

Skyhorse Publishing

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

eCommerce Business: *PFC Shop*

July 2012 - December 2015

- over 300 sales in 10+ countries worldwide selling handmade polymer clay figures and jewelry on platforms including *Etsy* and *Storenvy*; consistent 5 star feedback

ACTIVITIES & VOLUNTEER WORK

Marketing Director: *Women in Computer Science Undergraduate Committee*

2014 - 2016

- designed 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*

Lead Layout Editor: *The Stang (newspaper)*

2013 - 2014

- complete design of four editions of high school newspaper