Maggie Chiu Yee Chan

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EDUCATION

2018-2019
Pittsburgh, USA

Masters of Human-Computer Interaction
Carnegie Mellon University

2008-2013
Toronto, Canada

Bachelor of Design (Hons), Major in Graphic Design, minor in Digital Media
OCAD University

2017
Toronto, Canada

Front-End Web Development Certificate
HackerYou College of Technology

COMPETENCIES

Design Sketch, Invision, Adobe Illustrator, Adobe Photostop, Adobe Indesign, Adobe Premier Pro, Adobe AfterEffects, Adobe Lightroom

Development JavaScript/ES6, HTML5, CSS3, SASS, Gulp, Git & Github, JQuery, APIs, D3.js, React.js, Firebase

Creative Code Processing, Arduino

POSITIONS HELD ACADEMIC

2015
OCAD University
Toronto, Canada

Research Assistant, Public Visualization Lab
Worked with Patricio Dávila and Immony Men to create Chthuluscene. Researched and designed user experience of a large-scale, co-participatory, immersive installation based on "Co-Performance" (a lightweight, and easily deployable web-based platform for distributed, synchronized mobile experiences developed in the lab)

2014
OCAD University
Toronto, Canada

Research Assistant, Public Visualization Lab
Worked with Patricio Dávila and Dave Colangelo to research, design and build In the Air, Tonight, a reactive architectural installation that combines a mobile phone experience with an architectural, reactive light façade. Designed user interaction, data visualization, web and mobile interface, and documentary media.

2013
OCAD University
Toronto, Canada

Research Assistant, Mobile Experience Lab
Worked with Patricio Dávila and Paula Gardner to investigate ways to visualize Fetal Alcohol Spectrum Disorder for scientific stakeholders by simulating tools science use that track eye movement using infrared sensors to determine a subject's level of cognitive impairment. Researched, designed and prototyped visualizations and user participatory installations.

POSITIONS HELD INDUSTRY

2014 - 2018
Toronto, Canada

Product Designer (UX/UI) at BlueDot Inc.
- Design researched, conceptualized, prototyped, and tested web applications and data visualizations
- Collaborated with a group of world-leading epidemiologists, health clinicians and data scientists to iterate towards effective, usable and desirable designs
- Formed conceptual models, information architectures, userflows, wireframes, interaction patterns, styleguides and design specifications
- Determined design requirements and directions through stakeholder meetings and pilot programs

2012 - 2014
Toronto, Canada

Freelance Design
- **Systems visualization**: "Ontario's Home Care System" for MaRs research group
- **Data visualization and systems diagrams**: Housing Action Lab, Evergreen Brickworks
- **User interaction design**: Wildflowers app
- **User Interface design**: MeU mobile application
- **Web design**: Far and Wide Collective
- **Publication design**: Gendai Gallery's "Model Minority"
- **Identity and Brand Design**: Toronto International Stereoscopic 3D Conference at TIFF Bell Lightbox

2012 - 2014
Toronto, Canada

Communication Designer at Blackbird Brand Communications
- Designed and produced brand solutions for a variety of mediums (web, mobile, print, 3D environments)
- Primary designer working from concept to production with art director for each project
- Select client list: TELUS, Koodo Mobile, Miracle 10, Pulsus Journals

PUBLICATIONS

Colangelo, Dave, Patricio Dávila and **Maggie Chan**. 2017. "In The Air, Tonight." In Media Architecture Compendium: Digital Placemaking, edited by Luke Hespanhol, M. Hank Haeusler, Martin Tomitsch, and Gernot Tscherteu. avedition. 2017, pp.110-113

Dávila, Patricio, Dave Colangelo, **Maggie Chan** and Robert Tu. "Expressive Cartography, Boundary Objects and the Aesthetics of Public Visualization" (2017), Leonardo 2017 50:5, 509-510

Dávila, Patricio, Dave Colangelo, **Maggie Chan** and Robert Tu. "Expressive Cartography, Boundary Objects and the Aesthetics of Public Visualization" (2014), Proceedings of the IEEE VIS 2014 Arts Program, VISAP'14: Art+Interpretation, Paris, France, November 9th-14th 2014

Chan, Maggie, Dave Colangelo, Patricio Dávila, and Robert Tu. "In The Air, Tonight: An Uncommon Interface for Common Concern." (2014) CHI 2014 annual ACM SIGCHI Conference on Human Factors in Computing Science Workshop, Toronto, Canada

Chan, Maggie. "Artistic Exploration of Social Structures: A Documentary on Toronto's Chinese Ethno-Burb." Urban Ecologies 2013. OCAD University. 2016, pp. 292–293.

AWARDS AND GRANTS

2015 **Ontario Arts Council: Media Arts Project grant - $10,000** Towards the curation of the exhibition *multiplex: Essay Film Festival*
2013 **Robin & Doreen Cumin Award by OCAD University** Outstanding graduating thesis
2011 **Don Watt Award by OCAD University** Top academic achievement in the Graphic Design program (year 3)

BIBLIOGRAPHY

"Exhibition." Sketch Magazine Vol. 24, Issue 1, 2012, pp. 25

PRESENTATIONS, POSTERS AND CONFERENCES

2018 Toronto, Canada   **Guest Presentation, Introduction to Data Visualization** OCAD University
2015 Pittsburgh, USA   **Workshop Instructor, Processing and Generative Typography (p5.js)** Graphical Arts Conference
2014 Toronto, Canada   **Interactive Documentary, In the Air, Tonight** Subtle Technologies Festival
2013 Toronto, Canada   **Poster Presentation, Artistic Exploration of Social Structures** Urban Ecologies Conference
2013 Toronto, Canada   **Poster Presentation, Over the Influence, Recommunicating FASD** GRAND Conference
2013 Toronto, Canada   **Guest Presentation, Research Methods** OCAD University
2013 Detroit, USA   **Guest Presentation, Design Thesis** Wayne State University

SELECTED EXHIBITIONS

2016   **multiplex: Essay Film Festival**, Nuit Blanche - Toronto, Canada
In The Air, Tonight (2016), reactive architecture installation, Toronto, Canada
Fabrica de Ritmo, Luminato, motion graphic projection for live performance at Hearn Generating Station - Toronto, Canada

2015   **In The Air, Tonight**, architectural LED façade installation at Ryerson University Image Centre, - Toronto, Canada
Chthuluscene, large multi-user mobile interactive visualization installation, Nuit Blanche 2015, - Toronto, Canada
The Fauna of Mirrors, outdoor public video project, Celebration Square - Mississauga, Canada
Too Much Information, wearable LED interactive clothing, Wearable Technology Symposium- Whitby, Canada

2014   **In The Air, Tonight (fragments)**, interactive documentary, Subtle Technologies Festival: Open Culture/Urban Interventions
Different Data, data visualization mural, Design Inquiry Residency, Museum of Contemporary Art Detroit - Detroit, USA
OCAD University's Data, motion data visualization on large-scale architectural projection, Rosalie Sharp Centre 10th Anniversary Gala, OCAD University - Toronto, Canada
Touched, immersive video installation with projection and room design, Come Up To My Room, Toronto Design Offsite Festival, Gladstone Hotel - Toronto, Canada
City of Homelands, documentary video essay screening, Augmented Cinema Film Festival, The Royal cinema - Toronto, Canada

2013   **City of Homelands**, expanded cinema interactive documentary, Reposition, Gallery 1313 - Toronto, Canada

2011   **Cycle Memories**, interactive video installation, ArtSpin, 99 Sudbury - Toronto, Canada (with Tim Bettridge, Symon Oliver)