

Hubert (Sathaporn) Hu

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Education

Masters of Science, University of Calgary

Program: Computer Science **Date:** September 2015 – January 2018 [Expected]

Bachelor of Science, University of Toronto

Program: Computer Science (Specialist), Cognitive Science (Major), French (Minor)

Date: September 2011 – May 2015

Skills

Computer Science

Programming Languages: HTML/JavaScript, Python, Java, C#, Visual Basic .NET, SQL, Matlab

Web: HTML5, CSS, Django, Nodejs, d3.js

Game: Virtual Reality with Samsung Gear VR and Unity3D, 2D Game Development

Multimedia: Android, iOS, Processing

Data Science: Machine learning, Tableau, Statistical analysis, Database, Computational linguistics

Language Thai (Native), English (Advanced), Mandarin (Intermediate), French (Intermediate), Japanese (Beginner)

Other Graphic design, Digital music composition

Projects

Tangra September 2014 – September 2015

- Tangra is a web portal that helps social scientists conducting experiments over the Internet.
- My role in the project was to further develop it as well as maintaining it.

InTouch March 2015 – September 2015

- InTouch is an iOS web application designed for senior.
- My role in the project was to debug and to develop the app.

ALLT June 2015 – September 2015

- ALLT is an Android app that allows eBooks to be read aloud with a pre-recorded voice.
- My role in the project was to debug and prepare the app for scientific experiments.

Caracas September 2015 – Present

- A mobile video player designed to help people with learning a new language.
- This is the project for my Master's thesis.

Project Happiness September 2015 – December 2015

- A mixed media installation with both physical and digital components. The digital components were programmed in Processing.
- My role was to put up the installation as well as developing the software.

Virtual Reality Experiment October 2016 – December 2016

- I conducted an experiment on how quickly a person can locate an object in a virtual 3D.

Experience

Information Technology Intern, Jet Asia Airways June 2014– August 2014

Location: Bangkok, Thailand

Research Trainee, Taglab at University of Toronto March 2015 – September 2015

Location: Toronto, Canada

Research Intern, Lenovo September 2016 – December 2016
Location: Beijing, China

Scholarships

NICE RADIANT, Dalhousie University August 2016

- The scholarship is provided for people who intend to take a summer training at Dalhousie University on creating a start up with neurotechnology.

Teaching

Teaching Assistant for CSC148 September 2013 – December 2014

Class Name: Introduction to Programming

University: University of Toronto

Teaching Assistant for CPSC217 September 2015 – December 2015

Class Name: Introduction to Computer Science for Multidisciplinary Studies I

University: University of Calgary

Teaching Assistant for SENG513 January 2016 – April 2016

Class Name: Web-based System

University: University of Calgary

Teaching Assistant for SENG513 January 2017 – April 2017 [Expected]

Class Name: Web-based System

University: University of Calgary

Publications

[Late Breaking Work] Caracas: A Video Player for Second Language Learning

Co-author: Prof. Wesley Willett **Conference: CHI 2017**

Note: Recently submitted to CHI 2017, acceptance pending.

[Poster] Head Pointing in Virtual Reality and Object Finding Time

Co-author: Juan David Hincapié-Ramos **Conference: UIST 2017**

Note: Currently analyzing the result. It is still too early to submit the poster at this point.

Volunteer

Vice President Finance, Computer Science Graduate Society May 2016 – September 2016

Institution: University of Calgary

Tasks: I handled fee reimbursements, redesigned the website, updated social media account.

Fire Warden, University of Calgary Residence September 2016 – December 2016

Tasks: I assisted evacuation of the residence building during a fire alarm.

Administrator, Cognitive Science & Artificial Intelligence Student Association May 2016 – Sep 2016

Institution: University of Toronto

Tasks: I connected with computer science students and maintained the association's office hour.

Language Exchange Participant, Japan-Canada Student Association Sep 2011 – Sep 2014

Institution: University of Toronto

Tasks: I helped Japanese to learn English.