

Hubert (Sathaporn) Hu

Address: 3412 Morley Trail NW, Calgary, AB, T2M4H4

Telephone: 647-471-1134

Email: sathaporn.hu@ucalgary.ca

Website: <https://husathap.github.io/>

Education

Masters of Science, University of Calgary September 2015 – December 2017 [Expected]

Program: Computer Science

Areas: Human-Computer Interaction, Computer-Assisted Language Learning, eLearning

Bachelor of Science, University of Toronto September 2011 – May 2015

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

Skills

Computer Science

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

Web: HTML5, CSS, Bootstrap, Sinatra, Django, Nodejs, d3.js, etc.

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

Mobile and Multimedia: Android, iOS, Processing

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

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

Other Graphic design, Digital music composition

Projects

Video Player for Language Learning September 2015 – Present

- A YouTube 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 environment.

InTouch March 2015 – September 2015

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

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.

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.

Experience

Research Intern, Lenovo September 2016 – December 2016

Location: Beijing, China

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

Location: Toronto, Canada

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

Location: Bangkok, Thailand

Scholarships

NICE RADIANT, Dalhousie University August 2016

- The scholarship is provided for people who intend to take a summer course at Dalhousie University on entrepreneurship with a focus on neurotechnology.
- The course was taken during the summer of 2016.

Transformative Talent, University of Calgary September 2016

- A grant that supplements the internship salary at Lenovo.

Teaching

Teaching Assistant for CPSC203 September 2017 – December 2017 [Expected]

Class Name: Introduction to Problem Solving using Application Software

University: University of Calgary

Teaching Assistant for SENG513 January 2017 – April 2017

Class Name: Web-based System

University: University of Calgary

Teaching Assistant for SENG513 January 2016 – April 2016

Class Name: Web-based System

University: University of Calgary

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 CSC148 September 2013 – December 2014

Class Name: Introduction to Programming

University: University of Toronto

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 accounts.

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

Tasks: I assisted evacuation of the residence building during emergencies.

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.