

Hubert (Sathaporn) Hu

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Education

Doctor of Philosophy, Dalhousie University *January 2018 – Present*

Program: Computer Science

Areas: Human-Computer Interaction, Virtual/Augmented Reality

Masters of Science, University of Calgary *September 2015 – December 2017*

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

Kalga *September 2015 – December 2017*

- 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.

Jobs

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 CSCI1101 January 2018 – April 2018 [Expected]

Class Name: Computer Science II

University: Dalhousie University

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 language learners from Japan learning English.