

Cheryl Fong

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EDUCATION

University of New Hampshire - *B.S., Computer Science*

Durham, New Hampshire

September 2014 - Expected December 2017

University of Sydney - *Electrical Engineering track*

Sydney, Australia

February 2013 - May 2014

Sinaran Institute - *Cambridge International AS & A Levels*

Kota Kinabalu, Malaysia

January 2011 - June 2012

SKILLS

- Programming: Java, C++, Python (intermediate level), Swift (elementary level)
- Web Development: Front-end (HTML, CSS, JQuery, JavaScript), Back-end (php)
- Software: Adobe (Photoshop, Illustrator, Dreamweaver), IntelliJ, Eclipse IDE, Unity, Matlab
- Operating Systems: Linux, OS X, Android, Windows
- Certification: International English Language Testing System (IELTS)
- Languages: Mandarin, Malay, Cantonese
- Additional: Slack Integrations, Wordpress, Arduino, Raspberry Pi

EXPERIENCE

Social Venture Innovation Challenge, UNH - *Participant (responsible for Electrical Aspect of the project)*

September 2015

- Invited to work with a group of 5 that consisted of senior Mechanical Engineers and two Business students to develop a sustainable aquaponics system, known as Project Oasis.
- Won 2nd place and received a grant of \$3000.
- This initiative is still in progress, our goal is to helping feed medium sized families in third world countries.

ASEAN ECOM, Personal Project

June 2015 - January 2016 (on Hiatus)

- Cofounded this business venture with two undergrads, one majors in Finance at UNH and the other a Computer Science student from Nanyang Technological University Singapore.
- Our business objective is to help build the ecommerce infrastructure in developing regions i.e. the Association of Southeast Asian Nations (ASEAN) countries e.g. Myanmar and Vietnam.

Holloway Summer Seed Grant Competition, UNH - Group Lead

May 2015 - June 2015

- Formed a strong business plan, conducted market R&D, collaborated with Professors at UNH's Business School and developed fundamentals on starting a business.
- My group consisted of a computer science student and two business students from UNH. We received advising from employees at EMC and we passed the competition's feasibility evaluation.
- Our business goal was to create an online payment system based using escrow methods.

LEADERSHIP EXPERIENCE

DIY Engineering, UNH - Vice President

August 2015 - May 2016

- Responsible for overseeing the welfare of the club, setting up reminders, forming newsletters, publicity and organising weekly events that involved inviting special guests e.g. recruiters from BAE Systems or people from Academia.
- Developed writing, presentation, and communication skills by creating and submitting proposals for grants up to \$2500, which was used to help fund small to medium scale projects with electronics, programming, 3D design using a 3D printer, etc.
- Worked with the UNH's ECenter to create a "MakerSpace" for UNH's student body, that's aimed at cultivating curiosity, interest in engineering and collaboration between engineers and business students.

Student Senate, UNH - Senator, Financial Affairs Committee Board, Academic Affairs Committee Board

August 2015 - April 2016

- Oversaw the UNH 2017 fiscal budget proposal worth over \$50 million, also worked on diversifying college life, and wrote resolutions on banning bottled water.
- Founded a method to help UNH students receive customised information relating to events, scholarship/job opportunities, etc, to help improve the holistic experience at UNH. This development is still in process.

Office of International Scholars, UNH - Orientation Leader

August 2015

- Helped with event prepping and also served as a speaker.
- Lead the new intake of international students from various countries around the world to familiarise with the UNH campus, and also promoted/advertised UNH to prospective students.
- Adapted to work with a large group of very diverse people, i.e. refined method of communication, skills on emotional intelligence and also on controlling a crowd.

Sydney University Association of Biomedical Engineering, USYD - Active Committee Member

March 2013 - April 2014

- Help planned social events, organised seminars related to advances in Biomed and did fundraisers for educational/recreational trips around the city of Sydney.

VOLUNTEER EXPERIENCE

Harvard China Forum, Harvard University - Volunteer

April 2016

- Undergone an application and interview process, was among 25 selected from a group of 250 applicants.
- Responsible for event registration, setting up mini forums, audio/visual and overall welfare of the event.