

Yu-Chien Chan

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Education	Cornell Tech at Cornell University	New York, NY
2015-2016	Master of Engineering in Computer Science (Expected May 2016) GPA: 4.00 / 4.3 include Computer Graphics, Security and Privacy, iPhone Development, Simons Graduate Fellowship	
2010-2014	National Taiwan University(NTU) Bachelor of Science in Electrical Engineering GPA: 4.03 / 4.3 among 19 computer science courses includes: Operating Systems, Algorithms, Advanced Computer Programming, Machine Learning	Taipei, Taiwan
Experience	Coast Guard Administration, Executive Yuan	Taipei, Taiwan
2014-2015	<i>Security Monitoring Operators (Mandatory Military Service)</i> Conducted case study of malicious computer usage and daily network traffic report, and developed internal utility when off-duty: <ul style="list-style-type: none">• BaseSystem: Build a web app using NodeJS, ReactJS, Flux, MSSQL to aggregate and display data. Been used by all the member in Security Operation Center. Reduced the amount of time gathering information by the factor of 20x• USBAlarmSystem: Build a real time alarming web interface for unauthorized USB usage. Deployed on the always-on surveillance screen	
2012-2014	Mobile Human-Computer Interaction Laboratory, NTU <i>Undergraduate Researcher</i> <ul style="list-style-type: none">• WonderLens: Build 2 high-fidelity prototypes using Arduino, Processing, and GaussSense Board. Published at ACM CHI'15• SeeSS: Implemented a visualization widget for rendered Web pages diff whenever CSS changes. Build with Sass and Coffeescript for Brackets (an open source Text editor). Published at ACM UIST'13• WaterIraIraBou: Build a physical gaming product using Arduino, Pumpspark Fountain Development Kit, python. Won 1st Creativity at ACM UIST'13 Student Innovation Contest	Taipei, Taiwan
2013	VUSE <i>Front-End Engineering Summer Intern</i> <ul style="list-style-type: none">• Implemented 3 responsive web pages using Foundation framework and Compass CSS Framework• Implemented social media sharing dropdown directive using AngularJS. Used across pages on production website	Taipei, Taiwan
Skills	<ul style="list-style-type: none">• General Purpose: Python, C++, Matlab, Haskell, Java, Ruby• Web General: CoffeeScript, CSS/Sass/Compass, Ruby on Rails, AWS, Heroku• Javascript related: ReactJS, BackboneJS, jQuery, NodeJS, AngularJS• Visualization: processing, D3.js, OpenGL• Others: Swift, Objective-C, Git, L^AT_EX, Arduino, bash, MSSQL, MongoDB	
Personal	Coursera: Mining Massive Datasets (with Distinction), Image and video processing (with Distinction), Usable Security, Learning How to Learn	