

San Francisco, CA  
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legally work in US

# Chia-Wei Hsu (Chuck)

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## SKILLS & INTERESTS

<b>Softwares &amp; Frameworks</b>	Python, Django, JavaScript, AngularJS, Django Rest Framework
<b>Front End Tech</b>	HTML5, CSS3, Bootstrap
<b>APIs &amp; Libraries</b>	jQuery, AJAX, JSON/JSONP, reveal.js, Facebook API, Twitter API, Google API, IMDB API
<b>Server Configuration</b>	Gunicorn, Nginx, AWS, Ansible, Heroku
<b>Languages</b>	English (professional), Mandarin (native), Taiwanese (native)
<b>Interests</b>	Snowboarding, Tennis, Baking, Novel reading

## PROJECTS

<b>Yomama</b> ( <a href="https://github.com/chuckcwh/yo_hack">https://github.com/chuckcwh/yo_hack</a> ), pair project, 2days <i>Yo Hackathon (San Francisco, CA)</i> <ul style="list-style-type: none"><li>Technologies: Python, Django, jQuery, PostgreSQL, YO API, AJAX</li><li>Created an communication tool for families; from simple communication all the way to serious emergencies.</li></ul>	Nov 21, 2014
<b>Party Tracker</b> ( <a href="https://github.com/chuckcwh/party">https://github.com/chuckcwh/party</a> ), solo project, 3 days <ul style="list-style-type: none"><li>Technologies: AngularJS, Django Rest Framework, Python, Django, PostgreSQL, Google Map API, AJAX, AWS</li><li>Fabricated an Angular website for quick share and search party information, creating self APIs.</li></ul>	Nov 19, 2014
<b>Basecamp clone</b> (solo project) 3 days <ul style="list-style-type: none"><li>Technologies: AngularJS, Python, Django, Basecamp API, AJAX</li><li>Built a project management app using Angular JS for data organization, and Basecamp API as back-end.</li></ul>	Nov 14, 2014
<b>BattleFit</b> ( <a href="https://github.com/JohannaMW/battlefit">https://github.com/JohannaMW/battlefit</a> ), group project, 1 day <i>1st place in Hero City Hackathon (San Mateo, CA), Healthcare Field</i> <ul style="list-style-type: none"><li>Technologies: Python, Django, PostgreSQL, jQuery, Validic API, AJAX</li><li>Developed a social website with competitions and battles for fun fitness motivation, and keep track of everyone's progress from any wearable.</li></ul>	Nov 08, 2014
<b>Course Facilitation Tool</b> ( <a href="https://github.com/yenbryan/group-project-base">https://github.com/yenbryan/group-project-base</a> ), group project, 5 days <i>1st place in Yeti Competition in RocketU</i> <ul style="list-style-type: none"><li>Technologies: Python, Django, jQuery, reveal.js, AJAX, AWS</li><li>Constructed an interactive interface for greatly improving student-teacher communication.</li></ul>	Oct 31, 2014
<b>Arcade Games</b> ( <a href="https://github.com/chuckcwh/arcade_game">https://github.com/chuckcwh/arcade_game</a> ), solo project, 2 weeks <ul style="list-style-type: none"><li>Technologies: Python, Django, jQuery, AJAX, Heroku</li><li>Created little Javascript games with Third-Party APIs and point system.</li></ul>	Oct 12, 2014
<b>Movie Mapper</b> ( <a href="https://github.com/amulius/movie_mapper">https://github.com/amulius/movie_mapper</a> ), pair project, 2 days <ul style="list-style-type: none"><li>Technologie: Python, Django, jQuery, AJAX, IMDB API, Google Map API</li><li>Developed a widget for users to search movie information and filming locations through IMDB database.</li></ul>	Sep 18, 2014
<b>Tweet Analytics for Drug Marketing</b> , group project, 1 day <i>Mylan Hackathon (Canonsburg, PA)</i> <ul style="list-style-type: none"><li>Technologies: Tweet Searching API</li><li>Proposed adjustments to the pharmaceutical marketing plan by collecting and analyzing user data from twitter.</li></ul>	Mar 01, 2014

## EDUCATION

<b>ROCKETU BOOTCAMP</b> <i>Full-stack Web Development Using Python, Django, PostgreSQL, and Angular JS.</i> <ul style="list-style-type: none"><li>Concentrations: Web App Design, Third-Party APIs, Unit Code Test, User Interface Design</li></ul>	San Francisco, CA Nov, 2014
<b>CARNEGIE MELLON UNIVERSITY</b> <i>Biomedical Engineering, Master of Science, 2013 (GRE 1480/1600)</i> <ul style="list-style-type: none"><li>Publication: J Biomed Mater Res A. 2013 Nov 28.</li></ul>	Pittsburgh, PA Aug, 2013
<b>NATIONAL TSING-HUA UNIVERSITY</b> <i>Molecular Biology, Master of Science, 2008 (GPA 3.84/4.00)</i> <ul style="list-style-type: none"><li>Honor: Cathay Financial Group Scholarship 2006 &amp; 2007 (Taipei, Taiwan)</li></ul>	Hsinchu, Taiwan Mar, 2008
<b>NATIONAL CHUNG-HSING UNIVERSITY</b> <i>Food Science and biotechnology, Bachelor of Science</i>	Taichung, Taiwan Jun, 2005

## EXPERIENCE

<b>BIOMATERIALS LABORATORY FOR TISSUE ENGINEERING &amp; DRUG/GENE DELIVERY</b> <i>Research Assistant, Chemical Engineering, National Tsing-Hua University (NTHU)</i> <ul style="list-style-type: none"><li><b>Three Associated Publications:</b> Biomaterials 2010, 31, 3384-94.      Biomaterials 2010, 31, 6849-58.      Biomaterials 2011, 32(10):2673-82.</li></ul>	Hsinchu, Taiwan Sep, 2009 – Jun, 2011
<b>NANOMEGA MEDICAL CORPORATION</b> <i>R&amp;D Intern</i> <ul style="list-style-type: none"><li>Provided qualification tests for novel biomaterials and evaluated chemical properties.</li></ul>	Hsinchu, Taiwan Feb, 2010 – Jan, 2011
<b>INTELLIGENCE SECURITY SECTION</b> <i>Military Service, The 6<sup>th</sup> Corp Command</i> <ul style="list-style-type: none"><li>Rich experience in information management and crisis intervention in response to military information leakages.</li><li>Honor: Military's Disaster Relief Medal, Typhoon Morakot 2009 (Taiwan)</li></ul>	Taoyuan, Taiwan Sep, 2008 – Sep 2009