

Chia-Wei Hsu (Chuck)

Contact Information
chuckcwh@gmail.com
+65 8869-5610 (cell phone)
Taiwanese in Singapore with EP

My Portfolio
(website) chuckcwh.com
github.com/chuckcwh
www.linkedin.com/in/chuckcwh

SKILLS & INTERESTS

Programming Languages	(Proficient) Python, Javascript	(Familiar) PHP	(Other) HTML5, CSS3
Frameworks	(Python) Django, Django Rest Framework	(Javascript) jQuery, AngularJS	(PHP) WordPress
Libraries & APIs	Bootstrap, jQuery, AJAX, JSON/JSONP, Facebook/Twitter/Google/Instagram/IMDB API		
Server Configurations	Ubuntu, DigitalOcean, Gunicorn, Nginx, AWS, Ansible, Heroku, CircleCI		
Databases	PostgreSQL, MySQL		
Languages	English (professional), Mandarin (native), Taiwanese (native)		
Interests	Japanese, Jogging, Swimming, Snowboarding		

PROJECTS

Sleeplabs <ul style="list-style-type: none">Technologies: WordPress, jQuery, DigitalOcean, AnsibleMain conductor to build informatic website in PHP/WordPressConstructed functional modules following client's need and setup server in Digital Ocean	Sep - Oct, 2015
Artichoke <ul style="list-style-type: none">Technologies: Python, Django, jQuery, Ansible, AWS, MySQLBuilt a one-page restaurant website for succinct display of information.	May - Jul, 2014
Party Tracker (https://github.com/chuckcwh/party), solo project, 3 days <i>Final project presented in RocketU bootcamp</i> <ul style="list-style-type: none">Technologies: AngularJS, Django Rest Framework, Python, Django, PostgreSQL, Google Map API, AJAX, AWSFabricated an Angular website for quick share and search party information, creating self APIs.	Nov 19, 2014

EVENTS

Yomama (https://github.com/chuckcwh/yo_hack), pair project, 2days <i>Yo Hackathon (San Francisco, CA)</i> <ul style="list-style-type: none">Technologies: Python, Django, jQuery, PostgreSQL, YO API, AJAXCreated an communication tool for families; from simple communication all the way to serious emergencies.	Nov 21, 2014
BattleFit (https://github.com/JohannaMW/battlefit), group project, 1 day <i>1st place in Hero City Hackathon (San Mateo, CA), Healthcare Field</i> <ul style="list-style-type: none">Technologies: Python, Django, PostgreSQL, jQuery, Validic API, AJAXDeveloped a social website with competitions and battles for fun fitness motivation, and keep track of everyone's progress from any wearable.	Nov 08, 2014
Course Facilitation Tool (https://github.com/yenbryan/group-project-base), group project, 5 days <i>1st place in Yeti Competition in RocketU</i> <ul style="list-style-type: none">Technologies: Python, Django, jQuery, reveal.js, AJAX, AWSConstructed an interactive interface for greatly improving student-teacher communication.	Oct 31, 2014
Tweet Analytics for Drug Marketing , group project, 1 day <i>Mylan Hackathon (Canonsburg, PA)</i> <ul style="list-style-type: none">Technologies: Tweet Searching APIProposed adjustments to the pharmaceutical marketing plan by collecting and analyzing user data from twitter.	Mar 01, 2014

EXPERIENCE

MEDIAPOP Full-stack Web Developer <ul style="list-style-type: none">Website construction in Python/Django and PHP WordPress with RWD and jQuery front-endEvent announcement with site specification to differentiate website usingServer maintenance with ansible for auto-deploy and CircleCI	Singapore May, 2015 – now
BIOMATERIALS LABORATORY FOR TISSUE ENGINEERING & DRUG/GENE DELIVERY <i>Research Assistant, Chemical Engineering, National Tsing-Hua University (NTHU)</i> <ul style="list-style-type: none">Three Associated Publications: Biomaterials 2010, 31, 3384–94. Biomaterials 2010, 31, 6849-58. Biomaterials 2011, 32(10):2673-82.	Hsinchu, Taiwan Sep, 2009 – Jun, 2011
NANOMEGA MEDICAL CORPORATION <i>R&D Intern</i> <ul style="list-style-type: none">Provided qualification tests for novel biomaterials and evaluated chemical properties.	Hsinchu, Taiwan Feb, 2010 – Jan, 2011

EDUCATION

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