


Pu-Chin CHEN

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EDUCATION

JUNE 2015	Undergraduate Degree in COMPUTER SCIENCE & INFORMATION ENGINEERING (CSIE) National Taiwan University (NTU) , Taiwan	GPA: 3.14/4.0
AUG 2013	Summer Session The University of California , Berkeley	GPA: 3.57/4.0

WORK EXPERIENCE

MAR 2015-JUN 2015	Teaching Assistant Data Structure and Algorithm, REQUIRED COURSE, NTU-CSIE Organised and conducted two workshops (<i>linux shell script</i> , <i>git</i> , and <i>basic workstation knowledge</i>) for a 200+ enrolled students class, and coached students every week
DEC 2014-FEB 2015	Project Manager Official Website Development, STUDENT CONGRESS, NTU Lead a 5-people team to build the 1st official website for NTU Student Congress
OCT 2014-FEB 2015	Back-End Engineer FOUNTAIN INC, Taipei Built the NoSQL database with MongoDB and communicated with front-end processes for an android e-commerce online store.

RESEARCH EXPERIENCE

FEB 2015	Treehacks, Stanford, CA <i>Research Topic: Operating Drones by Gesture Recongnition</i> <ul style="list-style-type: none">• Built the system connected Microsoft Kinect v2.0 and AR.Drone 2.0 by Processing• Stablized the drone by automation control techniques• Implemented high accurate gesture recognition by k-means clustering
SEP 2014-JAN 2015	Designing for User Experience , NTU, Taipei, Taiwan <i>Research Topic: A Supporting System to Bridge Drug Addicts and Priests</i> <ul style="list-style-type: none">• Designed a system offering drug addicts a similar function to priests during their rehabilitation period, such as broadcasts, including personal questions, and voice memos.
JUL 2014-SEP 2014	Mobile and Human-Computer Interaction Laboratory, NTU, Taipei, Taiwan <i>Research Topic: User Defined Gesture for Flying Objects</i> <ul style="list-style-type: none">• Research with Chiuan-Wang, Wilson Huang, and Jacky Chen• Presented a a study of interaction between flying object and human gesture, that is leading to a user-defined gesture set based on participants' agreement over 176 gestures• Provided taxonomy of 3D gestures which is convenient for analyzing and characterizing gestures in UAV controls

VOLUNTEER EXPERIENCE

MAY 2015	Fund-raising more than 150,000 NTD Puyou elderly long-term care center , Kaohsiung, Taiwan
MAY 2014	Charitino stuff, 1,000+ attendance and raising 100,000+ invoice National Taiwan University Taipei, Taiwan

CAMPUS ACTIVITIES

MAR 2015-PRESENT	HackNTU , dedicates to promote hacker spirits over the campus, NTU Vice President Co-hosted the biggest magenitude hackathon with 300+ millions NTD in Taiwan by leading a 100+ people preparatory team with core members for gathering resources from Taipei City government and companies, approaching technology communities(javascript Taiwan, Google), planning network and electricity service
OCT 2014-FEB 2015	Director of Technology Development Lead a 22-people team constructed the organization software infrastructures such as official website, recruitment landing page, hackathon app, online judge system, server maintainence.
SEP 2013-JUN 2014	Yang-Kuang Yeh-Tzu Student Society ; Volunteer Social Welfare Assistance Web Master Provided Tutorial and Mentoring Assistance to Disadvantaged & Native Formosan Children: Weekly visits to recipients at elementary schools.
SEP 2011-MAY 2013	Pop Dance Club Core Member in Public Relation Division Coordinated with school authorities, marketing and public relations agencies to arrange event design and promotional campaigns.

SKILLS

Programming Languages:	C/C++, JAVA, Python, UNIX shell scripting, HTML Javascript, Node.js, Verilog, Assembly, MongoDB, \LaTeX
Develop & Prototyping Tools:	Microsoft Kinect, AR.drone, processing, Bootstrap, Sketch, Adobe Illustrator, Adobe Photoshop
Languages:	MANDARIN CHINESE(NATIVE), ENGLISH(FLUENT)