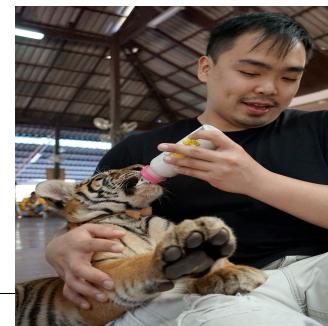


Chien, Jung-Ting (Bob)

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Education

Emory University, Atlanta, Georgia, U.S.A
present
Ph.D. in Biomedical Informatics program

08/2012 -

China Medical University (CMU), Taichung, Taiwan 09/2006-06/2010

B.S. in Medical Technology (MT), Department of Medical Laboratory Science & Biotechnology

- GPA: 3.5/4.0; Credits: 159

CancerQuest Translating Program, Emory University, Atlanta, GA, USA 06/2008-08/2008

- Sponsored by CMU with first priority of school exchange program, selected from academic excellence and English fluency

Publications and Products

- “Software for PacBio Sequencing System Reads Analysis”--This is a software program that reduces the error rate of the PacBio Sequencing system to near 0%. (Provisional Patent) 09/2014
 - Contributors: Dario Dilenia PhD, Jung-Ting Chien, Eric Hunter PhD
- “Distributed Services for Pipelining HIV Vaccine Candidate Analysis Process” ISBRA conference poster presentation 2013
 - Authors: Jung-Ting Chien, Alfredo Tirado-Ramos PhD
- “Butylidenephthalide Suppresses Human Telomerase Reverse Transcriptase (TERT) in Human Glioblastomas”, Surgical Oncology 05/2011
 - Authors: Po-Cheng Lin PhD, Shinn-Zong Lin MD, PhD, Yi-Lin Chen PhD, Jeng-Shou Chang MS, Li-Ing Ho MD, Po-Yen Liu MS, Li-Fu Chang MS, Yeu-Chern Harn BS, Shee-Ping Chen PhD, Li-Yi Sun PhD, Pi-Chun Huang MS, Jung-Ting Chein BS, Chang-Hai Tsai MD, PhD, Chii-Wen Chou MD, Horng-Jyh Harn MD, PhD, Tzzy-Wen Chiou PhD
- “Panya” a scientific animal model video tracking system <https://bitbucket.org/adamsnd/vidtrack>
“Panya”: computer vision tracking project for experimental rats, an interface to track the movements of laboratory animals for experimental purposes. To be released under a BSD license.
 - Authors: Nathan Adams, Jung-Ting Chien, Xia Hong, Cengiz Günay PhD
- “SimSQL” a data generator simulating for sensitive data in clinical environment <https://github.com/UTHSCSA-CIRD>
A prototype for populating a database with simulated data based on table definitions (and eventually custom data types specified in configuration files)
 - Authors: Jung-Ting Chien, Alex Bokov PhD, Angela Bos

Work Experiences

Research/Teaching Assistant, Emory University, Atlanta, GA present	08/2012 -
<ul style="list-style-type: none">Malaria genomics research in NIH-funded systems biology project (Contract # <u>HHSN272201200031C</u>)NGS Algorithm development – PacBio long reads sequencing technologyInstructor of CS170 lab session – Introduction to computer science in Java	
Student Associate, University of Texas Health Science Center, San Antonio, TX	05/2014-08/2014
<ul style="list-style-type: none">PacBio technology usage for different purposesClinical data warehouse setup	
Research Assistant, Yang-Ming University, Taipei, Taiwan 01/2011-05/2012	
<ul style="list-style-type: none">Biomarker discovery research in early stage autism in childrenFunctional MRI operating	
Combat Medic, Republic of China (Taiwan)	08/2010-07/2011
<ul style="list-style-type: none">EMT-basic level, trauma careTropical disease prevention and education	
Research/Teaching Assistant of Pathology, CMU, Taichung, Taiwan 01/2010-06/2010	06/2008-12/2009
<ul style="list-style-type: none">Undergrad research in molecular biology and drug developmentAssisted professor in grading tests, giving exams, and tutoring	
Medical Technician Internship at China Medical University Hospital 01/2010-06/2010	
<ul style="list-style-type: none"><u>Technical experience</u>: Blood Culture, Bacterial Culture, Haemospasias Blood Bank Analysis, Cytopathological Diagnosis, Clinical Microscopy, Clinical Biomedical Diagnosis.	

Course Work

- Graduate Courses: Introduction to Biomedical Informatics, Biostatistics Method, Clinical Environment, Computational Biology, Database, Software Engineering, Probability Theory, Cancer Biology, Machine Learning, High-Throughput Data Analysis, Parallel Processing, Fundamental Epidemiology
- Undergraduate Courses: Organic Chemistry, Analytical Chemistry, Physiology, Microbiology & Immunology, Parasitology, Pathology, Molecular Biology, Biochemistry, Clinical Hematology, Blood Banking, Clinical Microscopy, Biotechnology, Clinical Biochemistry, Clinical Physiology, Clinical Virology, Clinical Microbiology, Clinical Serology and Immunology, Clinical Laboratory Science and Biotechnology Industry

Extracurricular Activities & Honor

Chair of Journal Club, Malaria Host-Pathogen Interaction Center	10/2014-present
Member of Advanced Degree Consulting Club, Emory University	01/2013-present
Professional Development Support Funds	05/2013
Captain of Basketball Team, Air Defense Troop 1 st Battalion, The ROC Army	08/2010-07/2011
<ul style="list-style-type: none">Won the First Place in the Air Defense Unit Basketball Contest, 03/2011	
Captain of MT Basketball Team, CMU	06/2007-09/2010
<ul style="list-style-type: none">Won the 3rd Place in National Medical School Basketball Contest, 01/2009	
President of Class 2010, MT, CMU	09/2006-06/2007
Healthcare Volunteer, CMU Beigang Hospital	09/2006-06/2007

Additional

- Participant: Conference/training boot camp of PacBio user group, University of Maryland, Baltimore, 06/2014
- Participant: Texas Healthcare and Bioscience Summit, Austin, Texas 6/2014
- Participant: Hackthon “HackATL” 12/2013
- Participant: Joint Annual Conference of Biomedical Sciences / Department of Pathology, China Medical University, 03/2009
- Manager: CancerQuest Taiwan website since 09/2008
(<http://www.cancerquest.org/index.cfm?lang=tchinese&changeto=tchinese>)