

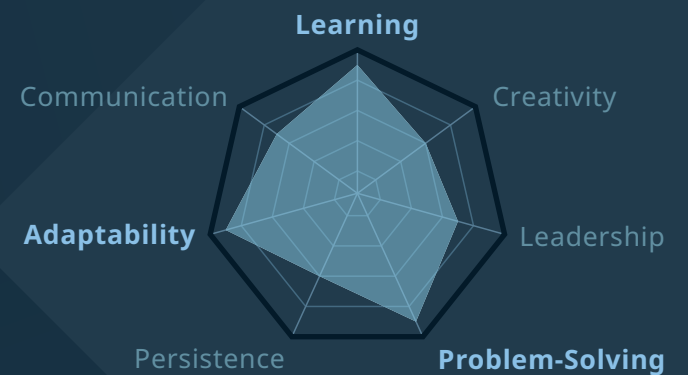
CHUN-YU CHEN

Lead Ruby on Rails Development Engineer

Over 5 years qualified working experience in software development, included 3 years in Ruby on Rails development especially in E-commerce and content-based websites and 3 years in system integration testing. Participated more than 10+ projects as main developer included data analytics, global api and an open source project. I'm self-motivated and have a passionate mind. Plus, I'm really good at learning and solving problem. I'm looking for a challenging role that utilizes my previous skills and experiences especially in Data Analytics and Web/Application development.



Google Analytics
Jun. 2015 ~ Dec. 2016



PROFESSIONAL EXPERIENCE

- 2014/07-PRESENT **i-TRUE Communications inc** [Lead Ruby on Rails developer](#)
- Architecting and implementing some brand-new and high loading websites using Ruby on Rails.
 - Project Leader of Data Management Platform · Business Intelligence System and Testing project.
 - Working with data at scale with MongoDB and build up a behaviors tracking system, administrator panel system (DMP project).
 - Introducing R into development and using text segmentation · scikit-learn to build up a BI system.
 - Introducing Search Engine into development and build up a search engine for our products.
 - Participating and maintaining 8+ projects included global API (provide to Yahoo HK.) · mobile website.
- 2014/01-PRESENT **Freelancer** [Full Stack Web Developer](#)
- Architecting and implementing a fashion and beauty E-commerce website which included Google Analytics Enhanced Ecommerce Tracking · On/off the shelf scheduly · Discount system · CRM system · Coupon · Search engine · Payment ...etc.
 - Architecting and implementing an ERP website especially for fashion and beauty industry.
- 2014/01 - 2014/07 **i-TRUE Commerce inc** [Ruby on Rails developer](#)
- Introducing Google Tag Manager into website.
 - An easy CRM analytics system.
 - Monthly box subscription system.
 - Managing and Monitoring systems using Monit.
- 2010/11 - 2013/09 **ITRI Cloud Computing Center for Mobile Application** [Software Engineer](#)
- Implementing the Robotframework for automated testing and integrating the Jenkins · SpiraTest and Jira for issue tracking and deployment.
 - Participated in storage testing. (Data Main Storage · Data Second Storage · Wide Area Data Backup)
 - A team leader of four interns.



EDUCATION

- 2008-2010 **National Taiwan University** [Master of Science. Biomedical Electronics and Bioinformatics](#)
- In order to predict optical parameters such as the scattering coefficient, oxygen saturation and hemoglobin concentration, I used 2 models - the forward model and the inverse model. I implemented the Monte Carlo scaling method by using C++ as forward method. The inverse model used the Levenberg-Marquardt least square method to fit our simulated spectrum. For streamline the research, I built a convenient graphic user interface integrated with Matlab and C++.
- 2004-2008 **National United University** [Bachelor of Science, Electrical and Electronics Engineering](#)



SKILLS

Ruby on Rails	<div><div></div></div>
R	<div><div></div></div>
Javascript	<div><div></div></div>
CSS	<div><div></div></div>
MongoDB	<div><div></div></div>
MySQL	<div><div></div></div>
Python	<div><div></div></div>
Git	<div><div></div></div>
Google Analytics	<div><div></div></div>
Google Tag Manager	<div><div></div></div>
AWS	<div><div></div></div>
Shell Scripting	<div><div></div></div>



PUBLICATION

1.Te-Yu Tseng, Chun-Yu Chen, Yi-Shan Li and Kung-Bin Sung, "Quantification of the optical properties of two-layered turbid media by simultaneously analyzing the spectral and spatial information of steady-state diffuse reflectance spectroscopy," Biomedical Optics Express, 2(4), 901-914, Mar. 2011. Chun-Yu Chen, Kung-Bin Sung

2."Quantification of the optical properties and hemoglobin of tissue phantom using a hyperspectral imaging based system". Oral presentation at BIOS Expo, part of SPIE Photonics West. San Francisco, California United States, Jan 25 2011. SPIE Paper Number7895-5.



PATENT

張庭嘉, 陳俊宇, 吳延文, "行動裝置及利用行動裝置執行互動遊戲之方法
PORTABLE APPARATUS AND METHOD FOR PLAYING INTERACTIVE GAMES BY PORTABLE APPARATUS"
Taiwan. I488052. filed June 11, 2015.