

Chih-Yen Chang 張芝嫻

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PROFILE

A highly motivated and experienced web developer and software engineer. Strongly focused and knowledgeable full-stack website design with a wide breadth of software installation and maintenance knowledge. Proficient in designing, coding, testing, and maintaining website functions. Great communicator of complex technological concepts between professional and non-professional audiences.

OBJECTIVE

Look forward to explore a different aspect of software development and help the company or business in creating a better service, user interactions and experiences.

EDUCATION

Computer Science: Texas A&M University, College Station, Texas

Bachelor of Science, College of Engineering, Minor in Business, Overall GPA : 3.41

2011 – 2015

SKILLS

C++, C, Java, Python, JavaScript, AJAX, HTML, CSS, Rails, Ruby, PHP, MySQL, Haskell, Latex, JQuery, Agile/SCRUM, Github, SaaS, BDD, TDD

LANGUAGES

Mandarin Chinese, Taiwanese, English

WORK EXPERIENCE

Beauty of Sharing Web Developer

Foundation

2016 – 2017

Redesign the website with administration and membership system in multi-languages using mainly PHP, MySQL, AJAX, JavaScript, and HTML/CSS. Working with graphic designers to develop a brand new front-end design. Configure the MySQL server system. Create, test, and maintains databases and tables. Retrieve and sort data to display on the site.

Beauty of Sharing Project Manager Intern

Foundation

2015

Manage a website project to build a web platform to help local communities, schools and organizations to host events and take applications online. Main responsibility is to coordinate with clients and team members for better website UI design and development using HTML/CSS, JavaScript, and Bootstrap.

Department of Computer Science and Engineering

2014 – 2016

Peer Teacher

Work with teaching assistants to tutor an average of 20 college students in programming languages including C++ and C.

IN-CLASS PROJECTS

Museum of American G.I. Online Survey

2015

Develop an online survey system to allow visitor to register in the system and allow museum staffs to generate and visualize visitor's summary statistics that will help them apply for funding. Using Ruby on Rails, MySQL, automated testing, ERB, SCSS. Provide assistance and support issues related to database system and queries.

VoiceSketch 2015	Build an online learning system with ability to record handwriting and voice at the same time. Add recording ability with play/pause, replay feature that provide a better communication and teaching tool between teachers and students. Built by using JavaScript, HTML, CSS.
Ambient Story 2015	Web storyteller that increases immersion by changing ambient qualities of story as it prints using JavaScript, HTML, CSS.
Food Hunter 2015	Web application that recommends recipes by user-inputted ingredients using Python, JSON, HTML, CSS.

HACKATHON PROJECTS

Kalendar TAMUHACK 2015	Time management web application that tracks to-do list and schedules tasks on calendar using Python, HTML, CSS, and Google Calendar API
Runmania Houston Hackathon 2015	An Android app that makes jogging more fun and enjoyable by introducing games and competitions between users. Using Java and Google Map API.
Epiphany Trip Hackdfw 2014	Android app that suggests destinations by start location, travel time, and weather in seconds using Java and Weather underground API.
Worth the Trip TAMUHack 2014	Web application that generates road trip routes by recommending nearby attractions to users using JavaScript, Google Map API, SendGrid, and Bootstrap. Won best use of Google API.

ORGANIZATIONS

Taiwanese Student Association 2015– 2016	<p>Vice President</p> <p>Assist the President with event planning/hosting and coordinate between officers, schools, and members.</p> <p>Stand Manager at Football Concession</p> <p>Assign tasks to other student workers and check beginning and ending inventories.</p>
Aggie Women in Computer Science (AWICS) 2014 – 2016	<p>Member</p> <p>Attend meetings held by AWICS and volunteer at organizational events.</p>
Society of Asian Scientists & Engineers (SASE) 2013 – 2014	<p>Member</p> <p>Attend meetings held by SASE and volunteer at organizational events.</p>