

## Resume



Name	Wu, Hao-Yu
Gender	male
Birthday	1988/12/18
E-mail	ao6swind@hotmail.com
Phone	+886 908 130 352
Degree	Master of Education



<https://ao6swind.github.io/my-resume-static>

## Educations

From	To	Degree	School
2011/09	2013/06	Master	Nation Taiwan Normal University Department of Technology Application and Humen Resource Development (Network Education)
2007/09	2011/06	Bachelor	Nation Taiwan Normal University Department of Technology Application and Humen Resource Development (Computer Application)

## Experiences

From	To	Description	
2014/10	now	Organization	NTNU Extension School of Continuing Education
		Title	Software Engineer (& Team Leader)
		Duty	1. maintain & develop web application 2. maintain & develop desktop application (silverlight, windows form) 3. control project process 4. recruitment & training

## Skills

back-end	ASP.NET, ASP.NET MVC, PHP, Nodejs, Ruby on rails
front-end	HTML + CSS + javascript, jquery, angularjs, scss
others	Unit 3D, WPF Application, Illustrator, Flash, Photoshop
knowledge	SQL, MVC, RWD, C#, ISO27001, MIS

## Certifications

From	Item
Microsoft	Microsoft Certified Technology Specialist (MCTS)

## Profile

Hi, I am Hao-Yu. I had finished master degree (2011~2013) and bachelor' degree (2007 ~ 2011) in National Taiwan Normal University (NTNU). After I completed alternative military service in 2014, the professor who is my advisor invited me to join his team at NTNU extension school of continuing education (NTNUSCE). My duties are development and maintain web, desktop application. In 2016, I was appointed a job which management project. In 2017, I was appointed as a team leader.

When I studied in NTNU, one professor said: "everyone should make himself as a great brand.". Therefore, I try hard to make myself be a person who has deep and wide knowledge. First, I learn computer science as the deep dimension knowledge. Second, I learn education and industry as the wide dimension knowledge. I believe IT should be used to make our life more comfortable and help us to finish our task efficient.

The biggest project which I joined is "digital exam system" from 2016. The system process include question design , setting questions be an examination paper, online exam and answer reviewing. After we finished this project, we help our company not only save all money which spend on logistics and warehouse, but also improve answer review quality, help staff make decision more precise. At the end of 2017, we tried to decrease human resource by making this system to be a automated system.

As an IT member, I think learning actively is necessary. As a team member, I think find some new and stable tech is very important. So I tried to teach our member some knowledge about RWD, and suggested they use Bootstrap (version 3.3.7) as front-end framework. In 2016, I promoted using sass to write CSS in our team to increase style sheet readable and maintainable. Meanwhile, I promoted MVC design. Due to I was an ASP.NET MVC developer before I joined NTNUSCE, I started to find the best suitable framework just like dot net MVC for our projects. One of them is "Laravel. I wanted to implemented Laravel, however some team members had no concept about MVC. So, I design a light, simple framework which has the same design ideas base on other famous framework. This little framework could help them learn an important concept: "separation of concerns" (SOC).

We had recruited a Laravel engineer joined us in mid-2017 fortunately, and then, we developed three systems by using this framework. Although these systems have some little shortcomings, we unify coding style, decrease development time and code review time. It make us could control our project quickly.

The above content is about my experience recently. I hope it could show you more about me. Thank for your reading patiently.

## Projects

Name	Description	
STEM	Type	Web application (ASP.NET MVC)
	Introduction	<ol style="list-style-type: none"> <li>1. Project Name: STEM-based Learning System for Collaborative Problem Solving.</li> <li>2. Project Leader: Kuen-Yi Lin</li> <li>3. C# (DB first), MSSQL, IIS, Windows server 2008 R2</li> <li>4. Bootstrap + active UI with JQuery</li> <li>5. Link: private</li> </ol>
SCE	Type	Web application (PHP without framework)
	Introduction	<ol style="list-style-type: none"> <li>1. SCE official website</li> <li>2. PHP + MySQL + Windows (on XAMPP)</li> <li>3. Bootstrap (sass)</li> <li>4. Link: <a href="https://www.sce.ntnu.edu.tw/home">https://www.sce.ntnu.edu.tw/home</a></li> </ol>
YoYoHakka	Type	Web application (PHP without framework)
	Introduction	<ol style="list-style-type: none"> <li>1. YoYoHakka official website + Backstage</li> <li>2. PHP + MySQL + Windows (on XAMPP)</li> <li>3. Bootstrap (sass)</li> <li>4. Link: <a href="http://abst.sce.ntnu.edu.tw/yoyohakka">http://abst.sce.ntnu.edu.tw/yoyohakka</a></li> </ol>
YoYoTeacher	Type	Web application (PHP without framework)
	Introduction	<ol style="list-style-type: none"> <li>1. YoYoTeacher official website + Backstage</li> <li>2. PHP + MySQL + Windows (on XAMPP)</li> <li>3. Bootstrap (sass)</li> <li>4. Link: <a href="http://abst.sce.ntnu.edu.tw/yoyoteacher">http://abst.sce.ntnu.edu.tw/yoyoteacher</a></li> </ol>
Eplace	Type	Web application (PHP without framework)
	Introduction	<ol style="list-style-type: none"> <li>1. place booking system</li> <li>2. PHP + MySQL + Windows (on XAMPP)</li> <li>3. Bootstrap (sass)</li> <li>4. Link: private</li> </ol>
OnlineMTC	Type	Web application (PHP without framework)
	Introduction	<ol style="list-style-type: none"> <li>1. OnlineMTC official website + Backstage</li> <li>2. PHP + MySQL + Windows (on XAMPP)</li> <li>3. Bootstrap (sass)</li> <li>4. Link: <a href="http://study.sce.ntnu.edu.tw/OnlineMTC">http://study.sce.ntnu.edu.tw/OnlineMTC</a></li> </ol>
Exam_Standard	Type	Web application (PHP without framework)
	Introduction	<ol style="list-style-type: none"> <li>1. Exam standard setting system</li> <li>2. PHP + MySQL + Windows (on XAMPP)</li> <li>3. Bootstrap (sass)</li> <li>4. Control audio tag by javascript</li> <li>5. Link: private</li> </ol>

Exam_Proposition	Type	Desktop Application (WPF)
	Introduction	<ol style="list-style-type: none"> <li>1. Language exam proposition system</li> <li>2. Project: WPF</li> <li>3. Language: C# (.Net Framework 4.5)</li> <li>4. Plugins: Ribbon, Json.Net, Gu.Wpf.Adorners</li> <li>5. Package: VS2013 Installer Extension</li> </ol>
Paper_Factory	Type	Web application (PHP without framework)
	Introduction	<ol style="list-style-type: none"> <li>1. Paper generating system(output for exam system)</li> <li>2. PHP + MySQL + Windows (on XAMPP)</li> <li>3. Bootstrap (sass)</li> <li>4. Control audio tag by javascript</li> <li>5. Link: private</li> </ol>
Paper_Correcter	Type	Web application (PHP without framework)
	Introduction	<ol style="list-style-type: none"> <li>1. Answer scoring system(input from exam system)</li> <li>2. PHP + MySQL + Windows (on XAMPP)</li> <li>3. Bootstrap (sass)</li> <li>4. Control audio tag by javascript</li> <li>5. Making notes for writing answer by canvas</li> <li>6. Link: private</li> </ol>
Exam_System	Type	Desktop Application (WPF)
	Introduction	<ol style="list-style-type: none"> <li>1. Language exam proposition system</li> <li>2. Project: WPF</li> <li>3. Language: C# (.Net Framework 4)</li> <li>4. Plugins: Ribbon, Json.Net, Ftp.Net, Osinfo</li> <li>5. Package: VS2017 Installer Extension</li> </ol>
Paper_Demo	Type	Web application (PHP , Angularjs 4)
	Introduction	<ol style="list-style-type: none"> <li>1. A system for examinee doing practice.</li> <li>2. PHP + MySQL + Windows</li> <li>3. Bulma ( sass )</li> <li>4. Link: <a href="https://hakka.sce.ntnu.edu.tw/paper_demo">https://hakka.sce.ntnu.edu.tw/paper_demo</a></li> </ol>
LinKou	Type	Web application (PHP with Laravel)
	Introduction	<ol style="list-style-type: none"> <li>1. NUPS education system</li> <li>2. PHP + MySQL + Windows</li> <li>3. Bootstrap ( sass ) 、sweetalert2</li> <li>4. Link: private</li> </ol>