David Wu

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EDUCATION

Bachelor of Science, Computer Science
California State University - Northridge, August 2017

- **Winner of the 2015 Oral Presentation** for the computer science department at the 2015 CSUN senior Design Project Showcase Event.

SAMPLE PROJECTS

PoolPal - *Arrange Your Carpool Ride Quickly*

- Cross-platform mobile application for easily arranging carpool rides. Generates the quickest and easiest route to a final destination while allowing the driver to pick up all the passengers along the way.
- Technology Used - **ionic Framework, Firebase, HTML, CSS, JavaScript, Google Maps API**

NEST - *Network of Electronic Self-Navigating Transports*

- Award-winning senior design project developing an Airline Operations Center System. Provides a front-end interface for a real-world control center in monitoring 100+ UAVs at the same time.
- Technology Used - **ASP.NET framework, REST API, Microsoft SQL, C#**

WORKING EXPERIENCES

Freelance Web Developer, September 2017 - Present

- Developed and deployed "st_life. singtaola.com" on a remote server for Sing Tao Daily Newspapers using the MERN stack. Includes a control center for their staff to manage and monitor contents on the main site.
- Technology Used - **HTML, CSS, MERN (MongoDB, Express.js, React, and Node.js) stack, IaaS (Linux Ubuntu Server deployed on DigitalOcean)**

Princess Cruises - *Software Developer*, June 2016 - August 2016

- Collaborated with the financial support team in developing offline functionality to an online web application.
- Technology Used - **HTML, CSS, JavaScript, ServiceWorker, IndexedDB, Oracle Application Express (APEX), Oracle Database Express.**

SKILLS

- **Full-Stack Web Development** - Experienced in LAMP and MERN stacks.
- **Methodologies** - Familiar with Agile and Scrum methodology.
- **Programming Tools** - HTML, CSS, JavaScript, JQuery, React, AngularJS, Node.js, Git, JAVA, C, C++, C#, SQL, MongoDB/Mongoose, UNIX Commands.
- **Leadership** - Christian fellowship leader responsible for coordinating and communicating with the home church.
- **Self-motivated** - Developed and deployed various individual projects.
- **Problem Solving** - Passionate in finding solutions for coding problems such as Quora Programming Challenges.
- **Foreign Languages** - Fluent in writing and speaking Mandarin Chinese (Simplified and Traditional).