

Johnny Hsu

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Portfolio Website: <http://johnnyhsu1106.com.s3-website-us-west-2.amazonaws.com/Works/work.html>

SKILLS

- **Language:** Python, JavaScript, TypeScript, Java, PHP, HTML5, CSS3, Sass
- **Front-End:** Angular, React/Redux, Bootstrap, jQuery
- **Back-End:** Node.js, Express.js, Phoenix, Django
- **Database:** Postgres SQL, Oracle SQL, MySQL, Oracle PL/SQL, MongoDB, Maria DB
- **Application:** Balsamiq, Git, Tableau, VMWare ESXi, SPSS, Hadoop, Gephi
- **Platform:** AWS, Heroku, GitHub, Bitbucket,

EMPLOYMENT

Front-End Developer – StageXchange

Jun. 2016 ~ Apr. 2017

- Analyze clients' need before developing web app and design mockup by using Balsamiq
- Build the prototype web app by using HTML5/CSS3/JavaScript and framework: Bootstrap and jQuery
- Create website layout/user interface/content by using HTML5/CSS3 practice
- Implement web crawling/scraping algorithm by using Python to create web content automatically
- Write new interfaces to 3rd party services to expand the StageXchange platform by using Phoenix
- Debug and troubleshooting existing applications. Find and identify possible problems in the applications
- Design database and scrap web content to build database on Postgres SQL by using Python psycopg2
- Skilled at writing well-designed, testable and efficient code using current best practices in web development

<https://goo.gl/pF2HvJ>
<https://goo.gl/vUdH9D>
<https://goo.gl/zZBW6u>

Section Leader in Python – University of Arizona

Aug. 2016 ~ Dec. 2016

- Lead a Lab session for reviewing Python, aid students with homework and code debugging, and grade the Python assignments.

Product Manager – ASUS

Apr. 2014 ~ Jun. 2015

Wistron

Nov. 2012 ~ Feb. 2014

Pegatron

Jul. 2011 ~ Sep. 2012

- Lead teams including over 50~100 members across broad technical, financial and business disciplines. Focused teams on business objectives and tracked progress to ensure project milestones were completed on time, on budget and with the desired results
- Defined processes and tools best suited to each project and create detailed project road maps, plans, schedules
- Mitigate risk factors through careful analysis of financial and statistical data
- Expert in agile and waterfall Laptop project management methodologies from Design Phase to Manufacture Phase

Senior Hardware Engineer – Pegatron

Oct. 2009 ~ Jun. 2011

- Take responsibility for System Design and Verification of Notebook and Tablet and build, test and modify hardware prototypes
- Analyze information to determine plan layout including type of peripheral equipment modifications

EDUCATION

University of Arizona - Management Information Systems / Master (CGPA: 3.55)

Aug. 2015 ~ Dec. 2016

- Top 4 MIS Graduate School in USA
- Major: Web Development, Database Development, Data Mining & Analytics, Web Scraping

National Chiao Tung University - Electrical and Computer Engineering / Master (CGPA:3.73)

Sep. 2007 ~ Aug. 2009

- Thesis: 3D Object Segmentation and Recognition in Cluttered Scene Base on Range Data
- Major: Image Processing, Pattern Recognition, 3D Computer Graphic, 3D Object Recognition

National Central University - Electrical Engineering / Bachelor (CGPA:3.56)

Sep. 2003 ~ Jun. 2007

- Major: Electrical Electronic Circuit Simulation, Digital Signal Processing, Electromagnetic Simulation

TECHENICAL PROJECTS

- **Web Development** – Build a YouTube search web app by using React <https://goo.gl/C3HRaL>
- **Web Development** – Build a weather search app by using Node.js <https://goo.gl/YyLdMf>
- **Web Development** – Build a prototype web app by using HTML5/CSS3/JavaScript and Bootstrap/jQuery <https://goo.gl/pF2HvJ>
- **Web Development** – Build a shopping web app by using HTML5/CSS3/JavaScript, MySQL, PHP
- **Web Scraping** – Scrap the content of Trulia.com by using Python BeautifulSoup <https://goo.gl/zZBW6u>
- **Web Crawling** – Crawl links, which linked to it links, and link from target website by using Python <https://goo.gl/oQfYTE>
- **Design Pattern** – Design and implement poker games based on software design pattern by using Java <https://goo.gl/kDhstZ>
- **Enterprise Database** - Develop database for CoHost Inc by using ER model, Oracle SQL, and PL/SQL <https://goo.gl/H4keq3>