

SHANGYUAN NIU

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EDUCATION

Cornell University

Bachelor of Arts, Computer Science & Information Science, 2017

GPA: 3.57; Dean's List, All but One Semesters

EXPERIENCE

POST AguaClara

Project Team Full Stack Web Developer 01/2016-Present

Work on prototyping and developing a Plant Operations Smartphone Tracker (POST) and a data visualization website for tracking water quality data from the AguaClara rural treatment plants in Honduras.

Cornell University

Teaching Assistant: Intermediate Web Programming 01//2016-Present

Tutor students with programming assignments and theoretical concepts.

Lead weekly reviewing sections and grade projects.

Advanced Energy Industry Inc.

Information Technology Intern 07/2015 – 08/2015

Worked with the Technology Support Team to provide Internet and operating systems related support. Learned about TCP/IP, HTTP, and the SAP Solution Manager software.

Geekpark

Technology Reporter 05/2015-06/2015

Interviewed and wrote reports on various Chinese tech companies and start-up.

Contributed to hosting the Geekpark Singularity Summit 2015, the largest and most renowned technology conference in China.

PROJECTS

Web-based Rhythm Gaming Controller 12/2015 - Present

Work on developing a Web-based Sound Voltex controller for mobile devices which uses WebSocket to communicate the press/release events and AutoPy to press the keys.

E-commerce Website for Jamie's Bowls 04/2015

Worked in a group of 4 to design and build a fully functioning e-commerce website with a login system. Used PHP and MySQL for the product database. Implemented PayPal API for payments.

Website for Cinternship

www.cinternship.com 01/2015

Designed and developed a web platform that allows applicants to apply online to the Cinternship Program, an independent cross-cultural internship initiative.

Nirvana Weekly Homepage

nirvanaweekly.org 11/2014

Designed the layout for the homepage of Nirvana Weekly, an independent student magazine.

SKILLS

Languages: Chinese (native); Java, Python, PHP, JavaScript

Other Skills: Photoshop, MySQL, LaTeX, Web Design