Hao Yang

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Skills

- Coding: HTML, CSS, JavaScript, SQL, R, C#, C/C++, Java, Bootstrap, Git, VS, etc.
- Graphic Design: PS(4 years), AI(1 year), Sketch, CAD, photograph, etc.

Experience

Manager Intern   Mar 2015 to May 2015

Utopia Design Studio - Shandong, China

- Built and managed Utopia Design Studio, which mainly targeted for student association and organization activities advertising.
- Designed the studio logo, brainstomed ideas with members when ad planning, directed final art pitch, designed and fixed posters' final edition.

Internship as a Mapping Engineer   Nov 2015 to Mar 2016

Haizheng Surveying and Mapping Technology Co. Ltd - Shandong, China

- Affirmed contracted management right to rural land-Xinzhuang Town, Gangcheng District, digitized and mapped them at the request of the Department of Agriculture.
- Surveyed and mapped building property through Xue Town in Shandong Province, China.

Education

University of Pittsburgh - Pittsburgh, PA   Sep 2016 to Dec 2017

Master of Science (Information Science in School of Computing and Information Science)
Final GPA is 3.584.

Shandong Agricultural University - Shandong, China   Sep 2012 to Jun 2016

Bachelor of Engineering (Remote Sensing Science and Technology)
Graduated with a 3.64 GPA.

Academic Projects

NoobSellComputer - Full-Stack website (UP, PA)

- Designed to allow administrators to manage items and customers to gather the information of computers online, archived each customer's requests and each administrator's control for transactions.
- Created graphic schema for entities relationships, DDL, and designed front-end and back-end website by WAMP (Windows, Apache, MySQL, PHP).

Overview of Contagious Diseases in the United States - Information Visualization (UP, PA)

- Generated visualization by front-end website for exploring the epidemiological data from Project Tycho, using HTML, CSS and JavaScript.
- Developed multiple dynamic graph by applying D3 package in JavaScript.

PNS (Pedestrian Navigation System) - Mobile GIS (UP, PA)

- Testing real-time navigation data and check if it is accurate or not.
- Developed a function which check GPS signal accuracy and distinguished them by colors.
- Applied a new function which offered voice instructions to guide pedestrians.

Relevant Courses

- Photoshop
- Human Information Processing
- Web Technologies&Standards
- Information Visualization