CHAOLEI HUA

LOOKING FOR AN INTERNSHIP OR RESEARCH OPPORTUNITY ABOUT SOFTWARE ENGINEERING OR DATA ANALYSIS

CONTACT

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EDUCATION

BACHELOR OF SCIENCE

Major: Math & Computer Science
Minor: Management Science

University of California, San Diego

Junior, 2015 – 2019

SELECTED COURSEWORK:

Computer Graphics
Artificial Intelligence
Advanced Data Structure
Computer Architecture
Computability theory
Numerical Methods for Physical Modeling
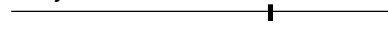
SKILLS
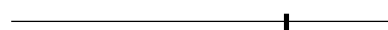
Java

C/C++

HTML/CSS

Javascript

Objective C

R/Python

Linux/Git

EXPERIENCE

SOFTWARE ENGINEERING INTERN

Wonders Information Co.Ltd | China | Summer 2017

Worked on the Hospital Information System Development team:

1. Remote assistance : solve and report bugs for hospitals that currently use company's software. Questions are usually about data management and storage. (MySQL、Oracle)
2. Web Development:
   - Develop a dynamic management platform in City Ningbo to provide people with information about health and medical treatment.(html, css, javascript, JQuery)
   - Mobile Version of the platform (Angular.js+ionic+Cordova)
   - Add address selection function to current system for company's increasing services across the nation. (javascript)
   - Webpage Rendering (javascript, bootstrap, photoshop)

TECHNICAL SUPPORT

Solow, Isbell & Palladino, LLC | Philadelphia, PA | Summer 2015

   - Create an online questionnaire to get information from clients. Write script to automatically send the questionnaire to clients in the email list (Java, html, css)
   - Design cover letter headings and icon for the website(html,css)

LAB ASSISTANT

Ulica Solar Science & Technology | China | Summer 2014

   - Collect data from the experiment, write test code to analyze data, which can help optimize solar cells and modules (java)

AWARDS & PERSONAL DEVELOPMENT

PERSONAL WEBSITE: superthunder.me (html, bootstrap, css, javascript)

IOS DEVELOPER: Apps including Body Mass Index (BMI) & Basal Metabolic Rate (BMR) calculators, discount calculator, currency convertor and bounce ball game (Objective C)

PROVOST HONOR (UCSD)

CBS STOCK COMPETITION (second place)

CSES HACK NIGHT (second place): Project: Plan Your CSE Trip Use D3.js, which is an open-source Javascript library for visualizing data.We make each course as a node, and link the courses according to prerequisites. The final course plan will look like a dynamic tree.