

Weikun Liang

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Education

Carnegie Mellon University, Pittsburgh PA

May 2016

Bachelor of Science in Information Systems

Additional Major in Human Computer Interaction

QPA: 3.81/4.0

Experience

Business Intelligence Intern – Endurance Specialty Insurance Ltd., White Plains, NY

Summer 2014

- Developed and maintained reports using SQL Server Reporting Services and Microsoft Visual Studio
- Assisted in implementing new technology - Cognos Business Intelligence
- Interacted with different teams in the IT department in gathering data to produce workflow diagrams
- Performed smoke testing on SSRS, Business Objects, and Cognos reports
- Created the data warehouse architecture diagram of the company to assist in server replacement decisions

Projects

Android Application

Fall 2014

- Allowed users to take or upload a photo and add drawings to it
- Offered many templates for the user to form beautiful photo collages from photos in the phone's gallery

Ruby On Rails Application

Spring 2014

- Built a Ruby on Rails application for a fictitious chess camp which supported registration for different level chess classes
- Developed the Model, View, and Controller for over 10 models, and formulated sufficient unit testing
- Integrated Foundation 5 into the project
- Involved user authentication which allowed instructors to log in to update their profile or manage registration
- Used geocoding to create a basic Google Map

Andy Warhol Museum Website

Fall 2013

- Designed and programmed a fully functional website for a fictitious Andy Warhol Museum
- Contained various functionalities such as navigation, form, and Google maps
- Included an interactive Web 2.0 interface designed using JQuery

C0 Virtual Machine

Spring 2013

- Implemented a virtual machine for the C based language C0 that executes basic operations, function calls, memory allocation, and memory access

Research Assistant

Fall 2012

- Built and designed a user interface that collected data from various students for a research in the Department of Social Sciences at Carnegie Mellon University
- Compiled data into a SQLite database and performed analysis

Python Application

Fall 2012

- Programmed and designed a Christmas version of the Helicopter game
- Contained over 1000 lines of code and focused on object-oriented programming

Leadership

Joint Funding Committee Representative

2014-Present

Treasurer - Awareness of Roots in Chinese Culture

2013-2014

Vice President of Public Relations and Marketing - Alpha Chi Omega Sorority

2013-2014

Alpha Phi Omega Service Fraternity

2013-2014

Skills

Design: Interaction design, user interface design, wireframing, Adobe Illustrator, Adobe InDesign, Adobe Photoshop

Technical: HTML, CSS, JQuery, JavaScript, Ruby, Rails, Python, C, Java, SQL, SQLite, Postgres, MongoDB
