

Karrie Cheng

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EDUCATION

Texas A&M University – College Station, Texas

May 2016

Bachelor of Science in Computer Science

Bachelor of Science in Economics

Minor in Business Administration

3.61 Cumulative GPR

SKILLS

Languages

- C++ (Proficient)
- HTML/CSS (Proficient)
- Java (Prior Experience)
- JavaScript (Proficient)

Software

- Adobe Photoshop Extended
- GNU Image Manipulation Program
- Microsoft Office Suite (Word, Excel, and PowerPoint)

EXPERIENCE

Open Innovation Hackathon, City of Houston

June 2014

'Boniuk Foundation Grand Prize' Winning Team

- Developed a web app for visiting and checking in at Houston's cultural attractions by using Google Maps and Geolocation API's

Diversity Open Data Hackathon, Texas A&M University

April 2014

'Overall Winning Team' and 'Most Diverse Team'

- Utilized D3.js to create visualizations highlighting issues of diversity at Texas A&M University

Department of Economics, Texas A&M University

Aug 2013 – Dec 2013

Directed Studies Student Consultant under the guidance of Dr. Dennis Jansen

- Corresponded with the city officials of Johnson City, Texas to identify areas in which they could improve upon to encourage business growth and tourism
- Created and presented a comprehensive economic development plan for the aforementioned city

PROJECTS

Arranged Chairriage

A web application creating using CSS, HTML, and JavaScript

- Provides a graphical user interface that allows a user to enter a number of guests in a group and lump them together in a large stadium setting

Select Redirect

A Google Chrome extension created using CSS, HTML, and JavaScript

- Automatically redirects a user from a user-selected blocked site to a safe site

RefuelMapp

An android app created using Java

- Locates and displays nearest gas stations according to relative prices

Texas A&M Bus Rush

Google Chrome extension created using CSS, HTML, JavaScript, JQuery.js, and JSON

- Allows a user to choose a certain bus route from a graphical table and provides a countdown to a departure time

AggieSnap

FLTK picture database program created using C++

- Provides a graphical user interface capable of writing a picture index file, browsing through saved pictures, tagging pictures, and specifying certain tagged pictures to display.