Karrie Cheng

(832) 278–9563 • karriecheng@tamu.edu

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

EXPERIENCE

Computer Science and Engineering, Texas A&M University Sept 2014 — Present
Peer Teacher
- Assisted students in developing a deeper understanding of concepts taught in the 'Introduction to Program Design and Concepts' and 'Structured Programming in C' courses

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

SKILLS

Languages
- C++
- HTML/CSS
- Java
- JavaScript

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

PROJECTS

Sign2Line
Web application created using JavaScript, PHP, and HTML/CSS
- Translates American Sign Language signs into text using Leap Motion's Leap sensor and JavaScript API
- Won '1st Place' and 'Best Leap Motion Hack' at GeauxHack 2014, a 24-hour long hackathon at Louisiana State University
- Featured as a 'Staff Pick' on ChallengePost.com

CultureHunt
Web game created using JavaScript and HTML/CSS
- Displays Houston's cultural attractions using Google Maps and Geolocation API's
- Won 'Boniuk Foundation Grand Prize' at the Houston Open Innovation Hackathon

Arranged Chairriage
In-progress 2D bin-packing algorithm represented using JavaScript and HTML/CSS
- Maximizes intra-group communication in a stadium seating setting