Karrie Cheng

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OBJECTIVE

Seeking an internship as a Software Developer for Summer 2015

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

WorthTheTrip
Web application created using JavaScript and HTML/CSS
- Finds and suggests attractions along a route for a user to visit and then creates another set of directions including these attractions using Google Maps, Directions, and Places APIs
- Won 'Best Use of Google APIs' at TAMUHack 2014, Texas A&M University's hackathon

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, Louisiana State University's inaugural hackathon
- 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 APIs
- 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