

(Elliscope) Mingzhe Fang

235 Oranut Ln, La Puente, CA 91746, (213)265-2115

LinkedIn: <http://www.linkedin.com/in/elliscopef> | Email elliscopef@gmail.com

EDUCATION

University of Southern California, Viterbi School of Engineering
Bachelor of Science, Computer Science

Expected Graduation May 2017
GPA 3.48

SKILLS

Programming Languages:

Applications:

Experience:

C#, C++, Java, HTML/CSS, JavaScript, Swift, Qt
Visual Studio, Matlab, GitHub, Adobe Photoshop, Sublime, IntelliJ
MongoDB, Nodejs, D3, Bootstrap

WORK EXPERIENCE

Disney ABC Television Group, Software Engineering Development Intern

Summer 2015

- Developed a Multi Touch Screen App for Dr.Oz TV Show using Javascript and existing Open Source Library like Hammer, Reveal and D3
- Worked on Web App Rendering Project using Chromium Embedded Framework(C#) for TV news graphics

USC Information Laboratory Medical Mobility Data Analysis, Research Assistant

Fall 2014--Present

- Analyze patients' mobility data using Principal Component Analysis method
- Compute turning angle and moving speed using Matlab

USC Information Technology Services, Student Computer Consultant

Fall 2014--Present

- Answer over 30 phone calls daily to help students and professors troubleshoot computer problems
- Execute Bash commands to address accounts, email, and networking problems
- Collaborate with a team of 38 student workers on maintaining and updating IT troubleshooting website

PROJECTS

StudyOn | Developer

Fall 2014

TrojanHack Hackathon | Los Angeles

- Conceptualized StudyOn as an instant study-group-creating WebApp
- Programmed the Front End of Webapp using HTML, CSS, JavaScript and Foundation Framework
- Assisted teammate on Back End data base construction using Parse Cloud Platform
- 2nd Place winner out of the 24 teams and over 100 participants

SCalendar | Designer and Back End Developer

Fall 2014

HackSC Hackathon | Los Angeles

- Designed a WebApp that reads in students' customized schedule from Google Calendar and analyze time distribution and peers' ranking
- Programmed Back End data analysis functionality using Google Calendar API and OAuth

Cinelink | Co-Designer and Back End Developer

Fall 2014

Comcast NBCUniversal Hackathon | Los Angeles

- Co-Designed a WebApp that recommends movie based on feedbacks of people in one's social network
- Implemented movie keyword search count and ranking system using Twitter API and Spreadfast API

Netflix Movie Search App | Objective Oriented Programming Class Final Project

Fall 2014

- Implemented fundamental data structure Map, Set using Hash Table in C++.
- Utilized Graph Theory and Breadthfirst Search for movie recommendation.
- Designed and created Graphical User Interface using Qt.

HONORS&AWARDS

- USC Academic Achievements Award in USC 2013 fall semester
- 2013 Year USC Viterbi School Dean's list
- USC Dragon Boat Rookie of the Year