

Zuqi Chen

Seeking software engineer / web dev / data analysis internship for summer 2018

CONTACT

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Location San Diego, CA
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EDUCATION

September 2014 - December 2018 (expected)
University of California, San Diego
Major B.S. Computer Science
GPA 3.41 / 4.0

EXPERIENCE

July 2017 - September 2017

Incoming Data Analysis Intern

Tencent

Working on big data processing platform

March 2016 - June 2017

Undergraduate CSE Tutor for Professor Rick Ord

Computer Science and Engineering Department @ UC San Diego

Tutoring for two undergraduate CSE programming classes

- Guide students through their Java, C and assembly programming assignments
- Proctor exams and grade programming assignments

PROJECTS

May 2017

Personal Portfolio Website

HTML, CSS (Sass), JavaScript, Harp

- Mobile-first and responsive static site
- Use Sass to preprocess the stylesheets
- Use Animate.css to move elements around
- Use JavaScript for some fun visual elements
- Hosted on GitHub Pages

April 2017

gsjs (GradeSource web scraper)

Node.js, ava

- Get course info and grades from given GradeSource url
- Output data as JSON
- Test Driven Development (TDD) using ava test framework
- Hundreds of downloads on npm

March 2017

GradeBook Rest API

Node.js, Express.js, Firebase

- Perform CRUD operations on users and their grades
- Store normalized data on Firebase Realtime database
- Authenticate clients by JSON web token (JWT)
- Working on the front end using Vue.js

July 2016

Tic Tac Toe Game

Ruby

- A command line version of the Tic Tac Toe game
- Design from scratch

May 2016 - June 2016

6 Degrees of Kevin Bacon (academic)

C++

- Explore the degrees of separation between Hollywood actors
- Find the earliest year two actors collaborated
- Use a huge actor lists parsed from IMDB database
- Implement using graphs and unions, which drastically reduce the running time

SKILLS

Programming

Java, Python, C/C++, HTML, CSS, JS, MySQL, Node, Ruby, Firebase

Others

Photoshop, Rubik's Cube