

Chaofeng Zhou

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OBJECTIVE

Software Engineer Intern in the front-end developing area in summer 2016

EDUCATION

University of Utah, Salt Lake City, UT

1/2013 - 12/2016 (expected)

Bachelor of Science in Computer Science

Cumulative GPA: 3.93/4.00

Selected Coursework: Object-Oriented Programming, Algorithms and Data Structures, Discrete Structures,

Software Engineering Practice, Computer Graphics (ongoing)

Expected Coursework (Spring 2016): Database Systems, Web Software Architecture, iOS App Development

WORK EXPERIENCE

Undergraduate Research Assistant

5/2014 - Present

Scientific Computing and Imaging Institute, University of Utah, Advisor: Prof. Yarden Livnat

Project: CommonGround, a web based visual analytic interface for bio-surveillance

- Configured and maintained Neo4j, a NoSQL graph database
- Participated in the design of the database schema and Cypher (Neo4j's SQL-like language) queries
- Wrote Python code to manipulate data files, e.g., rearranging the data in multiple tables
- Developed a Java application using official API to import data into the database (improved loading time from 20 minutes to 14 seconds rather than using a third-party API)
- Implemented SSL certificates and keys for the database server and clients to secure communications

QUALIFICATIONS

- Programming Languages: Java, Python, SQL; HTML/CSS, JavaScript with jQuery and D3.js
- Familiar with Agile Developing and Version Control
- Having experience in using NoSQL graph database
- Administered servers running on openSUSE

AWARDS

2nd Place at Microsoft Campus Code Competition

9/23/2015

University of Utah, Salt Lake City, UT

VOLUNTEER EXPERIENCE

Technical Innovation Student Guide

10/2011 - 12/2012

College of Electrical Engineering, Northwest A&F University, China

- Disseminated information to students about research opportunities
- Established connections between students and professors
- Provided guidance to students in writing project application documents