LISA JIN

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EXPERIENCE

VODORI   CHICAGO, IL
Software Consultant Intern   *May 2016 – August 2016*
- Contributed to scrums as member of full-stack (JavaScript, Java, MySQL, Less) team to develop editable website components for global healthcare company clients.
- Developed Dojo widgets integrated with existing Pepper CMS to optimize real-time editing experience.
- Built project-wide solutions, such as a JavaScript module that simulates media queries.

INTEGRATIVE SYSTEMS + DESIGN   ANN ARBOR, MI
Programmer Analyst   *June 2015 – January 2016*
- Updated course offerings displayed on ISD website through in-house content management system.
- Optimized front-end usability, such as an interactive (JavaScript, Bootstrap) course registration form.
- Created documentation on internal workflow applications for cross-departmental staff usage.

BIOSOCIAL METHODS COLLABORATIVE   ANN ARBOR, MI
Research Assistant   *May 2015 – December 2015*
- Documented and cleaned data collected from eye tracking, EEG, EKG, and GSR for university researchers.
- Conducted psychological studies by obtaining signed consent and applying facial sensors on subjects.
- Designed marketing materials in print and online, including poster (D3.js) and website layouts.

UNIVERSITY OF MICHIGAN MEDICAL SCHOOL   ANN ARBOR, MI
Laboratory Assistant   *September 2013 – May 2014*
- Performed tasks such as collecting tail samples, preparing PCR gels, and sorting embryo specimens.
- Provided fish feed and monitored water quality to sustain health of zebrafish population.

EDUCATION

UNIVERSITY OF MICHIGAN   ANN ARBOR, MI
Bachelor of Science: Computer Science   *September 2013 – April 2017*
- GPA: 3.5/4.0
- Current coursework: Operating Systems (EECS 482), Multidisciplinary Software Development (EECS 498)
- Past coursework: Web Databases & Info Systems (EECS 485), Data Structures & Algorithms (EECS 281), Foundations of Computer Science (EECS 376), Linear Algebra (MATH 214)

PROJECTS

MDP: CLOUD-BASED OCULAR DISEASE DIAGNOSIS
Web app for clinicians to predict genetic causes of retinal dystrophies; team sponsored by Kellogg Eye Center
- Implemented prototype (Flask, jQuery, PostgreSQL) that collects patient data to feed into and display results of machine learning module.
- Assumed role as contact point with corporate sponsor and organized prototype demos.

FORMAL CONCEPT ANALYSIS TOOL
Project to extract, view, and manipulate formal contexts; individual research for psychology/math professor
- Coded algorithms (C++) to parse concepts and apply set operation functions on input dataset.
- Devised method to output visualization (Python) of computed concept lattice.

ACTIVITIES

BLUELAB HAGLEY GAP
Engineering design team focusing on education and water quality in Jamaican village

PLANET BLUE STUDENT LEADER
Student group motivating action on sustainability issues of recycling, energy, and water on campus

SKILLS

- Languages: C++, Python, Java, MATLAB
- Web & frameworks: JavaScript, jQuery, Dojo, AngularJS, D3.js, HTML/CSS, Less, Flask, Spring
- Other: Git, Docker, MySQL, PostgreSQL, Hadoop