# 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**
*Help Desk Assistant*                                                        *February 2015 – June 2015*
- Offered technical assistance for online exams to medical school patrons in the Learning Resource Center.
- Maintained classroom scheduling status and computer lab cleanliness.

## 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:   Databases and Info Systems (EECS 485), Data Structures and 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