

KRISTEN A. DWAN

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EDUCATION

University of Michigan, Ann Arbor, MI

April 2014

Anticipated BSE Computer Science Engineering

Major GPA: 3.6/4.0

WORK EXPERIENCE

Google Inc., Kirkland, WA

May - August 2012

- Software Engineer intern on Webmaster Tools Team
- Developed and launched Index Status feature
- Implemented client and front end experience

EECS 183 Instructional Aide, University of Michigan

Fall 2012 - Current

- Selected as an Instructional Aide under Professor Mary Lou Dorf to assist with 380 students enrolled in Elementary Programming Concepts
- Conduct office hours to answer students' questions on class related concepts and assigned projects and assist in grading projects and exams

First Lego League Coach, WISE University of Michigan

Fall 2012 - Current

- Teach engineering principles and basic programming using Lego Mindstorm robots to 6th-9th grade girls
- Organize and motivate the team to complete work in preparation for robotics competitions

PROJECTS

Index Status Feature, Google Webmaster Tools

May - August 2012

- Created a tool that allows webmasters to view how many of their site's pages are in Google's index
- Implemented an interactive time series including indexed, crawled, duplicate, roboted and removed page counts to assist webmasters in diagnosing indexing issues

Duck, Duck, Dash!, Android Game

April 2012

- Developed a continuous play style mobile game with the objective of guiding a duck and acquired ducklings safely up the river while collecting lily pads and avoiding logs and alligators
- Used the accelerometer and touch screen components to drive game play

COMPUTER SKILLS

Main Languages: C++/C, Java

Some experience: XHTML, CSS, MATLAB, Android framework

Currently learning: Python, SQL

RELEVANT COURSEWORK

Current: Database Management Systems, Intro to Computer Organization,
& Intro to Computer Security

Algorithms and Data Structures, Programming and Intro to Data Structures, Discrete Mathematics,
Independent Study Android Development, & Gaming for the Greater Good

EXTRACURRICULAR

<cse.scholars>, Community Service Chair and full member

January 2012 - Current

- Organization is devoted to giving back to the CSE program
- Arrange and participate in community service and corporate events
- Provide tutoring for other EECS undergraduate students