

Diana Dayoun Lee

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EDUCATION

University of California - San Diego
Bachelor of Science, Computer Science

December, 2015

TECHNICAL SKILLS

- Programming specialties: Java, JavaScript, Database (MySQL, PostgreSQL, MongoDB), HTML
- Knowledgeable: Python, C/C++
- Tools: Vim, Git, SVN, Eclipse IDE, IntelliJ, Jenkins, Linux/Unix, Google API, Bootstrap

RELATED EXPERIENCE

Software Engineer, Opera Solutions, 12230 El Camino Real, Del Mar, CA 01/2016-present

- Developed web application that shows analyzed data to clients using Ruby and Rails, JQuery, and MySQL
- Improved web application to be more user friendly by updating several functions and reducing page loading time for large amount of data
- Worked on code conversion from Python to company developed language called Signal Hub

Software Engineer Intern, Opera Solutions, 12230 El Camino Real, Del Mar, CA 01/2015-09/2015

- Developed several automated testing applications to test on program correctness ranging from Python written internal program to web applications using Java and Selenium WebDriver
- Caught bugs and made fixes on programs using Java, Python, and Ruby on Rails

Android Studio Principle Leader, UC San Diego Android Studio, La Jolla, CA 10/2013-06/2015

- Share ideas and knowledge on developing android applications with other members to reach the goal of releasing well-made applications through team work and fresh ideas
- Train people with no android programming experience to gain interest in programming and provide lectures on basic android programming knowledge
- Started on making an official web site that show relevant events, educational works, and group information
- Conducted weekly training session with 20 incoming Android Studio members

RELEVANT PROJECTS

LifeTimeLine Web Application – Personal Project

- Allow users to input lifetime events to display it on web as a time table. Main functionality is that it allows users to input emotional status for that even so that the emotional up and downs are viewable in one-site. Can be viewed in timeline view and table view. Other functionalities include basic CRUD functionality, synchronized viewing between timeline and table, and etc. Created using AngularJS, node.js, and MongoDB
- <https://github.com/dal052/lifetimeline>

Error Reporting Web Application, CSE 135 – Server-Side Web Languages

- Created functional server-side application for managing client-side error reporting service under apache server
- Took part from UI design using HTML and CSS to back-end programming using PHP and MySQL for sign-up, login/logout mechanism, and strong password recovery/protection

Place It, CSE 110 – Software Engineering

- Built an android application that notifies the user on things-to-do based on user's location
- Implemented Google Map for the location using Google App Engine and used SQLite for data storage
- <https://dal052@bitbucket.org/ucsdgroup25/place-it-app.git>

Study Buddy – Android Studio Team Project

- Developed a study assistant android application that uses virtual flash cards to help users' study. Allows user to type in the question and answer on the front and back just like a real flash card
- Specifically worked on connecting database for user input using MySQL and user input screen using Java and XML
- <https://github.com/dal052/snowman.git>

SAT Vocabulary – Personal Android Application Project

- Created a SAT Vocabulary Dictionary Application for J&H college consulting company using Java and Parse data storage platform
- Implemented several functions such as highlighting system, login/logout, grouping, and random quiz making system