Mary Alverson

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EDUCATION

Loyola Marymount University; Los Angeles, CA
Honors Program
Bachelor of Science in Computer Science; 3.82 GPA   *Expected May 2018*

Relevant Courses

Data Structures & Algorithms	Language Translation &	Interaction Design
Computer Graphics	Implementation	Biological Databases

Languages

Java, Python, JavaScript, HTML/CSS, SQL, OCaml

TECH EXPERIENCE

Loyola Marymount University Honors Program

September 2015 – Present // Webmaster

• Maintained university Honors website, which provides resources for over 100 honors students

Google

May 2017 – August 2017 // Software Engineering Intern

• Added content to the event sheets on the Android Google Maps application, which are shown globally and had over one million impressions during the month of June 2017
• Implemented a data flow to add sports specific information to event sheets by querying a graph and parsing the data, and extended an API to manage that new data
• Created an Android UI to display localized, sports-specific information on event sheets, as well as a new UI for traffic alerts

Amazon Alexa Hackathon at Loyola Marymount University

November 2016 // 2nd Place Team

• Created a custom skill for the Amazon Alexa by coding an Amazon Web Services Lambda function which processed user requests, allowing the user to either save, delete, or access items in a to-do list

So Cal Region ACM International Collegiate Programming Contest

November 2016, November 2015 // Competitor

• Solved various algorithm and coding problems with two teammates in Java

Google

May 2016 – August 2016 // Engineering Practicum Intern

• Automated a process which allows non-technical employees to easily create and edit configuration files through a user friendly UI
• Implemented a full stack application which transfers data between a UI and a Bigtable database using Python, JavaScript, HTML and CSS
• Created an API in order to transfer the information between the App Engine application and Bigtable, as well as create and modify files

ACTIVITIES

Society of Women Engineers Member	Kappa Alpha Theta Fraternity Member
Association of Computing Machinery Student Member	Animal Wellness Foundation Volunteer