

JUSTIN LEO

PERSONAL DATA

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EDUCATION

DEC 2013 BACHELOR OF SCIENCE, **The University of Maryland**, COLLEGE PARK
MAJOR: COMPUTER SCIENCE

WORK EXPERIENCE

- | | |
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| JAN 2015 - JAN 2016 | SOFTWARE ENGINEER AT BTS SOFTWARE SOLUTIONS, INC. <ul style="list-style-type: none">- BUILT AN AUTHENTICATION AND AUTHORIZATION LIBRARY IN JAVA UTILIZING OPENLDAP TO MEDIATE USERS ROLES, PERMISSIONS, AND ABILITIES WITHIN THE SYSTEM- CREATED A FAKE CASPORT SERVER TO MIMIC AUTHENTICATION BETWEEN THE SERVER AND ANY GIVEN CLIENT- HELPED CONVERT A DJANGO APPLICATION FROM USING RAW SQL STRINGS TO SQLALCHEMY TO ALLOW FOR A MORE ROBUST AND FLEXIBLE QUERY MODE- CREATED A SINGLE PAGE WEB APPLICATION WITH ANGULAR, BOOTSTRAP, AND NODE.JS THAT ALLOWS USERS TO SEARCH PUBLISHED META DATA FROM A DESKTOP CLIENT- CREATED A RESTFUL SERVER TO FACILITATE AUTHENTICATION, SEARCH AND STORE META DATA IN ELASTICSEARCH, AND RUN NECESSARY BACKGROUND JOBS WITH DJANGO REST FRAMEWORK- ADDED FEATURES AND FIXED BUGS IN SEVERAL CORDOVA BASED MOBILE APPLICATIONS THAT UTILIZED AN ANGULAR WEB INTERFACE Technologies: JAVA, JRUBY, RUBY ON RAILS, JAVASCRIPT, CSS, HTML, MONGODB, GIT, COFFEESCRIPT |
| MAY 2013 - JAN 2015 | SOFTWARE ENGINEER AT 42SIX, INC COMPUTER SCIENCES CORPORATION <ul style="list-style-type: none">- REDUCED A LARGE SCALE SPRING JAVA APPLICATION DESIGNED FOR A SERVER TO A SMALLER, LIGHTWEIGHT PLATFORM FOR MOBILE USE- ADDED THE USE OF MONGODB TO A BIG DATA, CLOUD APPLICATION FROM THE PREVIOUS APACHE ACCUMULO DATABASE- CONTINUALLY WORK TO ADD NEW FEATURES AND FIX EXISTING ISSUES FOR A RUBY ON RAILS CLOUD APPLICATION- LEARNED AGILE SOFTWARE DEVELOPMENT THROUGH SCRUM AND HOW TO PRACTICALLY APPLY IT IN THE PROGRESS OF A SOFTWARE PRODUCT Technologies: JAVA, ANGULARJS, CSS, HTML, PYTHON, DJANGO, LDAP, GIT, POSTGRES, JAVASCRIPT, RUBY |

INTERESTS AND ACTIVITIES

ROBERT H. SMITH SCHOOL OF BUSINESS TA, BMGT 407, SENIOR INFORMATION SYSTEM PROJECTS
UMD CYBER SECURITY CLUB
COLLEGE OF MATHEMATICAL AND NATURAL SCIENCE AMBASSADORS