ALEXANDER JOSEPH OLIVERA

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TECHNICAL SKILLS

- <u>Technologies:</u> Java, JavaScript (ES6), MongoDB, Node, Express, React, Redux, SQL, HTML5
- <u>Operating Systems:</u> Windows, Linux, Mac OS
- <u>Software:</u> Visual Studio, Eclipse, Android Studio, Git, Subversion, Microsoft Office

EDUCATION & TRAINING

<u>Purdue School of Engineering & Technology, IUPUI</u>

- Bachelor of Science in Computer Engineering, Minor in Mathematics
- Overall GPA: 3.524 (4.0 scale)
- Relevant Courses: Data Structures, Object-Oriented Analysis & Design, Database Systems, Data Mining, Software Engineering, Unix Programming, Operating Systems & Systems Programming

<u>FreeCodeCamp (https://www.freecodecamp.org)</u>

- Full Stack Web Development Certification
- Represents approximately 1800 hours of coursework
- Technologies covered: HTML5, SCSS, Javascript (ES6), React, MongoDB, Express, Redux, Node, JQuery, Chai
- https://www.freecodecamp.org/certification/oalex90/full-stack

PROJECTS

<u>Multiple Web Development Projects (FreeCodeCamp)</u>

- Developed several web applications for an online Web Development course
- The Web Development Projects focused on the MERN Stack (MongoDB, ExpressJS, ReactJS, NodeJS)
- Web Development Apps can be found here: https://alex-olivera.herokuapp.com
- Technologies used: JavaScript (ES6), MongoDB, NodeJS, Express, ReactJS, ReduxJS, HTML5, CSS

<u>Low Speed Vehicle Impact (Liberty Mutual)</u>

- Made changes to Liberty Mutual's internal Claim Tracking software to allow for the identification and assignment of low speed vehicle impact (LSVI) exposures
- Updated current process to identify and mark LSVI claims and automatically assign them to specially trained adjusters
- Technologies used: Java, Junit, Subversion, Eclipse, MySQL

<u>Innovation Project Challenge (Liberty Mutual)</u>

- Received an employee recognition award (Bravo Award - Platinum Level) for my work on this project
- Redesigned parts of Liberty Mutual mobile app's vehicle collision claim creation process to make it more user friendly
- Developed a vehicle collision detection program that makes use of a phone's accelerometer
- Technologies used: Java, XML, SQLite, Android Studio

<u>Picture Communication System (Senior Design, IUPUI)</u>

- Received the Dunipace Outstanding Senior Design Award for this project
- Designed and developed a mobile application that acted as a communication learning platform for children with speaking disabilities
- Application allowed for user accounts, image storage, image display and reading capabilities, and an image learning mode
- Technologies used: Java, XML, SQLite, Android Studio

WORK EXPERIENCE

<u>Liberty Mutual, IT Analyst</u> *(16 months)*

- Developed and maintained features for Liberty Mutual's enterprise software and services
- Worked on an Agile Scrum Team consisting of software developers, business analysts, subject matter experts, a product owner, and a Scrum master
- Worked to quickly and effectively plan, analyze, design, implement, test, and maintain software application features