Dylan Watson

Software Developer
Orlando, FL

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EDUCATION	**Bachelor of Science**, **Computer Science** Marshall University, Huntington, WV	Graduated Spring 2015 GPA: 3.73/4.00

EXPERIENCE   **Liberty Mutual Insurance**   **Dover, NH July 2015 - Current**

Software Developer (March 2017 – Current)
- Developed a Spring Boot/React application on an agile squad that handles the management and creation of all vendors that Liberty Mutual works with
- Designed the app with a micro-service architecture so that users could use our services independently of the availability of other services
- Created multiple Spring Boot micro-services that interfaced with Netflix's ZUUL proxy so users could interact with our React web interface as a single app
- Developed several mature REST APIs for our micro-services so that our endpoints are self-documenting, secure, and easy to reuse by other developers

IT Analyst II (February 2016 – March 2017)
- Developed a Spring Boot/Thymeleaf application on an agile squad allowing employees of Liberty Mutual to enter their time away in one centralized location
- Embraced human-centered design by identifying the problem, creating an opportunity, defining personas and extreme users, and ultimately developing a solution that keeps the users at the focus
- Ran experiments on users throughout the project, gaining real-time feedback to set direction for new features and ensure alignment with users' needs
- Developed an Exchange integration to automatically add event to Outlook calendar from the application and set their out of office message

RESEARCH   **Undergraduate Researcher** *University of Arizona, Summer 2013*
- Developed an obstacle detection algorithm for an autonomous vehicle using a LiDAR so the vehicle would not collide with any objects in its way
- Efficiently determined obstacles by using Point Cloud Library's clustering algorithm to eliminate noisy, unneeded data

Undergraduate Researcher *University of Texas: San Marcos, Summer 2014*
- Developed a multi-robot Simultaneous Localization and Mapping (SLAM) algorithm that led to a more accurate location of landmarks using the intersection of two robot's observations

HONORS &   Eagle Scout
ACTIVITIES   ACM Chapter Student President (2014-2015)

LANGUAGES   Java**,** JavaScript, Python, SQL, C#, Ruby

FRAMEWORKS   Spring Boot, React, Thymeleaf, Angular, JQuery, Android, Django

REFERENCES   Available Upon Request