

KAITLYN RENÉE LANDMESSER

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EDUCATION	West Virginia University Morgantown, WV ♦ Bachelor of Science, Computer Science, Magna Cum Laude ♦ GPA 3.7 / 4.0	August 2011 - May 2015
EXPERIENCE	Industrial Scientific Pittsburgh, PA <i>Software Developer – iOS and Java</i> ♦ Completed bug fixes and enhancements on the core server of iNet, a Java application which receives and analyzes uploads from cloud-connected safety equipment, and stores data in an Informix database. ♦ Designed, documented, and prototyped an iOS application to read gas detection data over Bluetooth and transmit it to iNet. Supervisors are then alerted to dangerous events in real-time. WVU Lane Dept. of Computer Science Morgantown, WV <i>Undergraduate Research Assistant & Teaching Assistant</i> ♦ Assisted a faculty-led research team in writing a grant proposal to the Department of Homeland Security for the construction of an experimental information sharing system. ♦ In charge of running weekly student help sessions, grading tests and programming assignments, and assisting with other class needs. NASA IV&V Fairmont, WV <i>Orion MPCV Dynamic Testing Team Intern – Python</i> ♦ Worked as part of NASA's Multi Purpose Crew Vehicle (MPCV) team on validation and verification of the vehicle's flight software and documentation in preparation for the Exploration Flight Test-1 launch. ♦ Developed multiple test cases and Python scripts that exercised flight software requirements and functionality with PLATO, a testing environment specific to MPCV.	June 2015 - Now Sept 2013 - May 2015 May 2013 - April 2014
PROJECTS	WVU Mobile <i>iOS Application</i> ♦ A campus information app, providing news and events, dining hall menus, rapid-transit status, and a map. Data is pulled from REST web services and RSS feeds. ♦ Developed using Swift and Xcode. Currently being rewritten using Swift 3 and MVVM. Personal Portfolio Website <i>Web Development</i> ♦ A personal portfolio website to showcase resume, project information, and personal style. ♦ Designed with a combination of HTML, CSS, and Javascript. Rewritten for responsiveness using Skeleton. Stroboscope <i>iOS Application</i> ♦ A strobe light and music visualizer app which syncs to the beat of music played from the user's music library or through the microphone. ♦ Developed using Objective-C and Xcode. QuartzCore, UIKit, and AVFoundation frameworks were used to create graphics and audio processing algorithm.	2015 - 2016 2014 - 2016 2013
SKILLS	Languages Tools Operating Systems	Swift, Java, SQL, HTML, CSS, Objective-C, Python, C#, C Xcode, Eclipse, Visual Studio, REST, Git, JIRA, RazorSQL, Pixelmator OSX, Windows, Linux, iOS
AWARDS	Computer Science Honor Society <i>Upsilon Pi Epsilon</i> , 2014 - 2015 WVU App Design Challenge <i>First Place with Stroboscope</i> , 2013 West Virginia PROMISE Scholar, 2011 - 2015	