KAITLYN LANDMESSER

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EDUCATION

West Virginia University

Bachelor of Science, Computer Science

Magna Cum Laude (3.7 / 4.0 GPA), PROMISE Scholar, Computer Science Honor Society (Upsilon Pi Epsilon)

SKILLS

Languages

Swift, Objective-C, HTML, CSS, SQL, Python, Java, C#

Tools

Xcode, Sketch, Git, Charles Proxy, Jenkins, Paw, Splunk, Fabric, REST, Jira, RazorSQL, XCTest, KIF

VOLUNTEER

Capital One Coder's mentor

Virginia Middle Schools | 2017+

Women in STEM mentor

Montour High School | 2015-2017

PROJECTS

LED Art

Swift on Linux | 2019

An attempt to mimic the work of artist Jim Campbell with a Raspberry Pi, a LED light strip, and Swift.

WVU Mobile

iOS App | 2014 - Present

A campus information app, providing news and events, dining hall menus, rapid-transit status, and a map to over thirty thousand students. Data is pulled from REST web services and RSS feeds, written in Swift.

EXPERIENCE

Senior iOS Developer (Principal Associate)

Capital One | McLean, VA | 2017 - Present

Develop features for Capital One's award winning banking app, with over 13 million users and a 99.7% crash-free rate.

- Write code in Swift and Objective-C for new features, legacy features, and reusable components in the same codebase with dozens of engineers.
- Improve and define paradigms for writing test sets and corresponding automation for legacy features.
- Act as backup technical lead on an agile team by mentoring junior developers, defining feature architecture, assigning tasks, providing feedback on pull requests, and collaborating with designers and product owners.
- Design and develop architecture and UI/UX for multiple iterations of Capital One's mobile voice assistant proof of concept.

iOS Developer

Industrial Scientific | Pittsburgh, PA | 2015 - 2017

Developed iOS (Swift), Java, C#, and HTML software applications alongside a small, multidisciplinary team of engineers.

- Designed, documented, and led development on an iOS application to read data from a gas detector over Bluetooth and transmit it to iNet, Industrial Scientific's real-time safety monitoring platform.
- Wrote Java code for bug fixes and enhancements to the core server of iNet.
- Created complex SQL queries to extract historical data from iNet to answer customer questions and assist in multiple teams' analysis and research.

Dynamic Testing Team Intern

NASA IV&V | Fairmont, WV | 2013 - 2014

Worked with Engineers on NASA's Multi Purpose Crew Vehicle (MPCV) team to validate and verify the vehicle's flight software in preparation for the Exploration Flight Test-1 launch.

- Developed many test cases and corresponding Python scripts that exercised flight software requirements and high-priority project risks with PLATO, a testing environment specific to MPCV.

Undergraduate Research & Teaching Assistant

WVU Lane Dept. of Computer Science | 2013 - 2015

Worked with a faculty led research team in writing technical grant proposals. Ran weekly student help sessions and graded coursework.