

# Courtney A. Locke

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## Professional Experience

### Associate Programmer

Wakefern Food Corporation Jan 2014—Sept 2014

- Led the development of Test Scripts for IBM SurePOS Application Client for 4690 OS
- Performed weekly testing of the IBM SurePOS Application Client to ensure quality standards were met
- Received 2<sup>nd</sup> Place in “The Big Idea” group competition with an updated version of the ShopRite Mobile Application
- Compiled item movement information on a daily basis for accounting department
- Updated self-checkout register virtual keyboards for over 80 stores to enable new configuration
- Communicated with stores for coordination of new self-checkout register configuration installs
- Performed daily maintenance to store configurations
- Gained hands on experience managing a team of three interns
- Received 4 hours of workplace ethics training

### Information Technology and Computer Science Lab Assistant

Monmouth University Jan 2012—present

- Assisted Students with introductory level Engineering and Computer Science principles
- Aided in instruction of the course material

### School of Science Peer Mentor and Coordinator

Monmouth University Apr 2013—present

- Meet with first year students periodically throughout the semester, both individually and in group activities
- Answered questions from mentees about Monmouth University, specifically how to get academic assistance
- Helped mentees develop the critical thinking skills that will enable them to solve their own problems
- Created and distributed marketing materials for School of Science department events

## Campus Involvement

### IEEE / ACM Student Chapter

General Member Sept 2011 – present

### Student Activities Board

Vice President of Finance and Logistics Mar 2014 - present  
Executive Board – Comedy Chair Sept 2013 – Mar 2014

### Division II Club Ice Hockey

Secretary Sept 2013 – present  
Manager Sept 2011 – present

### Student Alumni Association

General Member Sept 2012 – present

### Residential Hall Association

Hall Counsel - Pinewood Vice President Sept 2011 – May 2012

## Education

**MONMOUTH UNIVERSITY** West Long Branch, New Jersey

*B.S. Software Engineering, Anticipated: May 2015*

ABET Accredited Program

## Technical Skills and Coursework

Java, C, C++, HTML, JavaScript, CSS, SQL, Bash Scripting, UML, Windows, Mac OS, Linux, Adobe Suite, Eclipse, Design Works Professional 5, Visual Studio, Troubleshooting, Management

- Currently developing a web-based video game about PTSD for the non-profit Invisible Wound
- Programmed Scribbler S2 robots to follow lines, avoid objects, and portray cute and un-cute modes
- Experience with Requirements, Testing, and Design documentation/analysis
- Used an ADuC812 GPIO Microprocessor to simulate a traffic light
- Programmed Amigobots, to dance to “Single Ladies” by Beyoncé using C++ programming and a mail server architecture

### Project Manager

Spring 2013, Spring 2014, Fall 2014

- Peer-elected Project Manager for three Software Engineering semester long projects
- Led groups of 4 by delegating between team members to ensure project milestones were completed; deadlines were met, as well as managing the team as a whole

### Scrum Master

Spring 2014

- Peer-elected Scrum Master for a Software Engineering semester long Team Software Process (TSP) project
- Led Scrum meetings about software development progress
- Oversaw the team and their work

### Requirements Manager

Fall 2014

- Oversaw the requirements gathering and documentation process for software practicum

## Scholarships

### AAUW NCCWSL Scholarship 2014

Received a scholarship from the Northern Monmouth County Branch of the American Association of University Women to attend the 2014 National Conference for College Women Student Leaders in Washington, D.C

### Grace Hopper Celebration Scholarship Grant 2014

Received a scholarship from the Anita Borg Institute to attend the 2014 Grace Hopper Celebration of Women in Computing in Phoenix, Arizona

## References

References are available upon request.