

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 2nd Place in “The Big Idea” group competition with an updated version of the ShopRite Mobile Application
- Complied 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.