**Jessica Kostiou**

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# EDUCATION

**Monmouth University**

*B.S. Software Engineering, May 2015*

* Minors in Math and Computer Science
* Major GPA: 3.40, Overall GPA: 3.34

**Honors and Awards:**

* Monmouth University Honors School *Jan 2012 – present*
* Upsilon Pi Epsilon, National Computing Honors Society *– May 2013*
* Phi Eta Sigma, National First-Year Honors Society *– Jan 2012*
* Gamma Sigma Alpha, National Academic Greek Honors Society *– Sep 2012*
* 2014 Grace Hopper Conference Scholarship Grant

Recipient

# PROFESSIONAL EXPERIENCE

**Lockheed Martin****College Student Tech****Intern:**

*May 2014* ***–*** *August 2014*

* Worked on an Event-Driven Weapons System

Simulation for the Aegis Ballistic Missile System

* Implemented software updates in C++ to increase code maintainability, and reduce unnecessary code
* Implemented Doxygen to document simulation inputs for client use
* Wrote bash scripts to create a template to document and define all simulation inputs, and ensure that all simulation inputs were set and accounted for

**Computer Science Lab Assistant:** *Sep 2013 – present*

* Assisted Students with introductory level

Engineering and Computer Science principles

* Aided in instruction of the course material

**Honors Peer Mentor:**  *Aug 2013 – May 2014*

* Guided individuals to meet the requirements of the Honors School at Monmouth University
* Acted as a mentor to assist first year students with academics and adjusting to college life

**Sales Associate -** *Ac Moore: May 2013 – Aug 2013*

* Participated in the Grand Reopening of the Voorhees NJ location
* Worked in a team environment to provided customer assistance

# SKILLS AND COURSEWORK

**Technical Skills:** Java, C++, C, Python, Bash Scripting,

UML, Regular Expression, Modeling, Simulation, Linux,

HTML, Access, MAC OS, Android, Customer Service, Troubleshooting, Management

* Developed a web-based video game about PTSD for the non-profit Invisible Wound
* Honors Thesis In human-robot interaction researching personality type implementation in autonomous robots
* Experience with Requirements and Design documentation
* Met and exceeded the demands of a rigorous engineering curriculum while enrolled in the Honors Program, held two on campus jobs and held many leadership roles in a sorority for three years
* Programmed Amigobots, wireless robots, to dance to “Single Ladies” by Beyoncè using C++ programming and a mail server architecture
* Programmed Scribbler S2 robots containing cute and un-cute modes, followed lines, avoided objects
* Utilized Android emulators to manipulate an Android kernel
* Used an ADuC812 GPIO Microprocessor to simulate a traffic light
* Sources available at www.jessicakostiou.com

# RELEVANT EXPERIENCE

**Treasurer**

*IEEE and ACM Student Chapter: Sep 2013 – present*

* Approve and monitor transactions going through the club bank account
* Create fund raisers to further the financial success of the organization

**Assistant Financial Vice President**

*Alpha Xi Delta: Jan 2013 – Dec 2013*

* Responsible for organization and distribution of the organization’s financial information

**Assistant Public Relations Vice President**

*Alpha Xi Delta: Dec 2013 – present*

* Monitored information posted on the organizations social media sites, and on the sites of members
* Served as a liaison to National organization regarding community service activities and accomplishments