

# 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 provide 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 Beyoncé 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](http://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