Jessica Kostiou

linkedin.com/in/JessicaKostiou | www.jessicakostiou.com

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