Jessica Kostiou

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EDUCATION

Monmouth University
B.S. Software Engineering, May 2015
- Minors in Math and Computer Science

Honors and Awards:
- Monmouth University Honors School Graduate
- Outstanding Student Leadership in Engineering Award
- Upsilon Pi Epsilon, National Computing Honors Society
- Phi Eta Sigma, National First-Year Honors Society
- Gamma Sigma Alpha, National Academic Greek Honors Society
- 2014 Grace Hopper Conference Scholarship Grant Recipient

PROFESSIONAL EXPERIENCE

Software Engineer – Lockheed Martin
June 2015 – present
Participating in the Engineering Leadership Development Program (ELDP). An intensive three-year rotational program for developing technical and leadership skills within Lockheed Martin

Lockheed Martin College Student Tech Intern:
May 2014 – Aug 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:
Sept 2013 – Sept 2014
Assisted Students with introductory level Engineering and Computer Science principles and 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

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 the web-based video game, Battlemind, about PTSD and created all related documentation for the non-profit Invisible Wound. Winner of the Deans Award in Integrative Research
- 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 four 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
- Sources available at www.jessicakostiou.com

RELEVANT EXPERIENCE

Treasurer
IEEE and ACM Student Chapter: Sep 2013 – May 2015
- Approve and monitor transactions going through the club bank account
- Submit the club budget to the university for approval

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 – Jan 2015
- 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