Jessica Kostiou

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EDUCATION

Monmouth University
B.S. Software Engineering, May 2015
- Minors in Math and Computer Science
- Major GPA: 3.49, Overall GPA: 3.36

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*
- Dean's List – *Fall 2011, fall 2013*
- 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

- Presently completing an Honors Thesis on human-
  robot interaction researching personality type
  implementation in autonomous robots
- Experience with Requirements and Design
  documentation and analysis
- 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
- Project sources available at
  http://jessicakostiou.github.io

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

References available upon request