Meera Benson

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Education

Arizona State University, Barrett Honors College, Tempe AZ
President's Award Scholar
Major: Computer Science; Minor: Digital Culture
GPA: 4.11, Dean's List Fall 2014 – Fall 2017
Graduation Date: May 2018

Skills

- Proficient in C/C++, familiar with OpenGL, Swift, Java, HTML/CSS, and JavaScript
- Experienced with Visual Studio, Linux, Xcode, and MATLAB
- Adept at Photoshop and Illustrator
- Very creative, strong analytical thinking, communication, and teamwork
- Passion for computer graphics and learning more about visual effects and animation

Experience

Raytheon Missile Systems, Tucson AZ (Summer 2017)
- Interned with the Modeling, Simulation, and Analysis department
- Added functionality to a realistic 3D terrain generator using C++ and MATLAB
- Worked on implementing real road data into the simulation using OpenGL
- Presented my contributions to the simulation in front of department heads

Raytheon Missile Systems, Tucson AZ (Summer 2016)
- Interned with the Software Engineering Center and worked hands-on with a missile seeker in the lab
- Made various improvements to a missile testing program in C++
- Held several code review meetings and obtained a DoD Clearance

Activities

Women in Computer Science Club, Marketing Director (August 2014 – Present)
- Direct a team of club members who help create digital content
- Design marketing materials for the club including logos, t-shirts, flyers, and stickers
- Create newsletters and manage social media accounts to promote our events and encourage participation
- Lead the scorekeeping for our annual programming competition

SunHacks (formerly Southwest Hacks), Design Team (January 2017 – Present)
- Help create the brand of a hackathon hosted at Arizona State University in Spring 2017 and Spring 2018
- Design digital media and promotional content such as logos, t-shirts, banners, and website content

HackArizona 2015 Programming Competition, Participant (March 2015)
- Worked with a group of students to develop and present a study tool in 36 hours using JavaScript

Achievements

- Creating and testing an AR battleship game using Unity for my honors thesis to examine the user experience of augmented reality gameplay
- Working with Facebook to create a cybersecurity education platform that my capstone group will demonstrate in March at the 2018 Women in Cybersecurity conference in Chicago
- Received the 2017 ASU Grace Hopper Scholarship to attend the largest technical conference of women in computing in Orlando, Florida
- Many accomplishments in graphic design including designing t-shirts for Barrett Honors College and winning the Tucson Area High School Graphic Design Championship