Julie Kunnumpurath

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Education

Binghamton University - Watson School of Engineering   Binghamton, NY
Bachelor of Science in Computer Science   *Expected May 2019*
GPA: 3.89/4.00
Dean's List: Fall 2015 – Fall 2016

Skills and Certifications

Programming Languages: C++, Python, Java, HTML, JavaScript, CSS
Natural Languages: English, Malayalam
Certifications: Private pilot certificate

Professional Experience

Binghamton University   Binghamton, NY
Course Assistant   January 2016 – December 2016
- Course assistant for Programming Concepts & Applications for a class of over 60 students
- Graded assignments and labs, ran a lab section of 20 students and held office hours to help students understand concepts for the labs and assignments

Summer Research Immersion – Image and Acoustic Signals Analysis   Binghamton, NY
Research Assistant   June – August 2016
- Conducted research on Hand Gesture Recognition under the supervision of Dr. Shaun Canavan
- Experimented with the Leap Motion and Microsoft Kinect along with Object Oriented C++, OpenCV, CMake, and Microsoft Visual Studio to develop features to which resulted in an accuracy recognition rate of over 97%

Starling Labs   Binghamton, NY
Front-End Developer   January – May 2016
- Worked remotely on creating a responsive website for potential users of a Slack app to sign up for the product
- Utilized Python, MaterializeCSS, HTML, and jQuery to create the website

Spectrum Software Solutions, Inc.   Kerala, India
Programmer Analyst   July – August 2015
- Developed a website for service request management to manage incoming service requests from clients
- Worked with HTML, CSS, PHP, JavaScript, jQuery and MySQL to design the website and retrieve database information

Extracurricular Activities

Alpha Phi Omega Community Service Fraternity   Binghamton, NY
Vice President of Fellowship   March 2016 – Present
- Engage in community service projects ranging from volunteering at animal shelters to park clean up and soup kitchens to working with kids
- Organize fellowship opportunities for the chapter as well as plan and execute Spring Formal as VP of Fellowship

HackerRank   Binghamton, NY
Contestant   September 2015 – Present
- Participate in online coding challenges using various programming languages
- Semi-finalist in the 2015 World Cup – University Level CodeSprint

HackBU   Binghamton, NY
Member   September 2015 – Present
- Participate in weekly coding workshops to learn about different aspects of Computer Science
- Compete in local coding competitions

Dickinson Research Team   Binghamton, NY
Member   September 2015 – May 2016
- Created Human Subject Certification survey to be used for a research project regarding the impact of Makerspaces on teachers
- Collaborated with Professor Kimberly Jaussi on a project titled "Diversity in SOM," to analysis the perception of diversity and impact of it within the School of Management at Binghamton University