

# 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: 3.92/4.00

Dean's List: Fall 2015 – Spring 2016

## Skills and Certifications

*Programming Languages:* Python, Java, C++, HTML, JavaScript, CSS

*Natural Languages:* English, Malayalam

*Certifications:* Private pilot certificate

## Professional Experience

**Binghamton University**

Binghamton, NY

Course Assistant

January 2016 – Present

- 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 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

Member

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

**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