**Neha Krishnakumar**

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**Summary**

Basic knowledge of Python and Java, and markup languages such as HTML and CSS. Proficient in the use of Microsoft Office. An excellent team player with good oral and written communication skills.

**Key Skills**

* Python
* Java
* Amazon Web Services
* HTML, CSS
* Effective communicator
* Creative problem solver

**Education**

*W.T. Woodson High School*

September 2016-Present

4.324 GPA, active member of Technology Student Association, VEX Robotics, CyberPatriot, IT Girls, Math Honor Society, and the Scholastic Bowl team.

**Experience**

*Summer Intern*

BigParser

June 2017-August 2017

* Associated with the testing of the BigParser Voice Product
* Worked as a member of the sales team in making sales calls in order to advertise the product
* Associated with the development team and worked on the utilization of grids (BigParser database) to create a website and extend the reach of the product
* Aided the BigParser Hackathon committee in organizing the Summer Hackathon

*Team Leader*

USCECC - Veritas Education Leaders

June 2018-July 2018

* Planned and coordinated interactive experiments, engineering projects, and coding tutorials to teach students science, technology, engineering, and mathematics
* Supervised other mentors in the James Lee Community Center

**Volunteer Experience**

*BigParser Summer Hackathon Organizer and Volunteer*

* Organized the Summer Hackathon, directly communicating to sponsors
* Volunteered at the event as a mentor, helping Hackathon participants in using the BigParser grid database and interfacing them with Amazon’s Alexa.

*Hackathon Organizer*

CavHack

April 2017-Present

* Organized CavHack, the first annual hackathon in Woodson High School.
* Managed funds associated with CavHack in order for the event to be a success.

**Projects**

*SalesCall*

Created an Alexa skill using Amazon Web Services to better organize sales calls.

*WorldlyWise*

Developed an Alexa skill along with teammates to display the contact information of various US Embassies around the world, including Sections and Offices and Hours of Operation.

*CarboDect*

Associated with the development of an iOS application that tests the levels of carbon monoxide in the air.

*Combating Cyberbullying*

Developed an Alexa skill that replaced hurtful words with good ones. Combating Cyberbullying was created so that people would think before posting harmful content online.

*Wave*

Developed this project with teammates for the Intel Science and Engineering Fair. Wave is an AI Application that identifies patterns in EEG Graphs of Alzheimer’s patients. The machine learning would then allow for any data to be inserted into the program, to calculate the presence of the disease.

**Awards and Certifications**

* *AASuccess YouthCon Scholarship Recipient:* Received first place in the 2018 YouthCon Scholarship Competition.
* *Certificate of Merit:* Presented by the Washington Statistical Society for excellent usage of statistics in Wave (Alzheimer’s diagnosing AI).
* *Fairfax Regional Science Fair 2nd Prize:* Won in the biomedical engineering category for Wave, an Alzheimer’s diagnosing Artificial Intelligence.
* *Academic Letter:* Received higher than a 4.0 GPA in the 2016-2017 and 2017-2018 school year.
* *Varsity Letter:* For outstanding contributions to the Woodson It’s Academic/VHSL Bowl team.
* *Most Innovative Hack:* Creation of CarboDect, an iOS application testing carbon monoxide levels.
* *#HackHarassment Award:* Creation of Combating Cyberbullying, a social justice-based Alexa skill.
* *Best Use of Amazon Web Services:* Alexa skill for Combating Cyberbullying awarded by Technica.
* *MLH Under 18 Prize:* Awarded by Technica for great levels of expertise and innovation.