

Sandra Kurian

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Education

Georgia State Honors College

Computer Science August 2019 - Present

Current Classes: System-Level Programming, Computer Organization and Programming, Linear Algebra

Relevant Classes: Data Structures, Principles of Computer Science II, Honors Discrete Mathematics, Multivariate Calculus, Honors Calculus of One Variable II, Principles of Physics I & II

Clubs: Association for Computing Machinery (ACM), Digital Learners to Leaders (DLL)

Predicted Graduation: May 2023

GPA: 4.15 (4.0 GPA Scale)

South Forsyth High School

August 2015 - May 2019

Relevant Classes: AP Computer Science A, AP Computer Science Principles, Programming Games Apps and Society, Foundations of Engineering and Technology, Survey of Engineering, AP Physics I, AP Calculus AB, AP Statistics

Clubs: Entrepreneurship in Collaboration with MIT (LaunchX), CyberPatriot, Beta Club, Women in Technology (WIT), National Honors Society (NHS)

Graduation: May 2019 (with Honors)

GPA: 4.15 (4.0 GPA Scale)

Volunteer, Activities, and Interests

Church Events Volunteer *St. Mary's Church*

Jun 2016 - Present

- Developed a website through WIX to create a platform to simplify the interactions between Sunday School students and teachers
- Organized virtual VBS in 2020 and co-organized VBS in 2017 which involved planning and financing
- Taught as a Sunday School teacher and VBS volunteer

CyberPatriot *Senior Team*

Aug 2016 - May 2019

- Patched security vulnerabilities within Windows OS

LaunchX *Marketing Officer*

Aug 2017 - Mar 2019

- Co-founded club to address issues and present solutions with prototypes, business, and marketing models
- Developed a transportation business plan to adhere to the elderly and disabled

Cisco High Extern *Cisco*

June 2018

- Presented business plan to use Cisco products to increase retail store customers (Hackathon-style)
- Addressed issues with Atlanta transportation and presented solutions with Cisco products to organizers and sponsors
- Learned about various STEM careers at Cisco

Skills

Cyber-Security, Networking

Programming: Java, Python, C#

Web Development: WIX, HTML5, CSS

Certifications

MTA: Introduction to Programming Using Python 2019

MTA: Introduction to Programming Using Java 2019

MTA: Software Development Fundamentals 2018

Awards

NCWIT Award for Aspirations in Computing

National Honorable Mention 2019

Georgia Affiliate Winner 2018, 2019

CyberPatriot

State: 3rd Place (Platinum) 2018-19

State: 4th Place (Platinum) 2017-18

State: 3rd Place (Gold) 2016-17

Languages

English

Spanish

Malayalam (India)

Projects

Game Center *using Python*

- Developed a GUI program using Python when first learning the language
- Consists of 4 games, the instructions to the game and music

Salesforce: Administration Certification *using Trailhead*

- On journey on studying for the Salesforce Administration Certification by using Salesforce learning platform, Trailhead
- Data Management, Data Modeling, Lightning Experience Customization