

Anthony K. Verghese

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EDUCATION

Cornell University, College of Engineering, Ithaca, NY
Bachelor of Science, Computer Science
Dean's List Award Recipient
GPA: 3.6/4.0

Expected May 2019

Relevant Courses: Object-Oriented Programming and Data Structures with Java, Systems Programming, Computer Architecture, Introduction to Computing using MATLAB, Discrete Structures, Linear Algebra

Langley High School, McLean, VA

June 2015

Top 5% of Graduating Class, National AP Scholar
GPA: 3.9/4.0

WORK EXPERIENCE

Booz Allen Hamilton, Washington D.C., *Intern*

June – Aug. 2017

- Created a website for a capital planning web application team to help government agency clients understand investment submission changes after the application release
- Worked with UI/UX and product support teams to develop modernized systems for the new web application

Skirmos Start-Up, Silver Spring, MD, *Intern*

May - Aug. 2016

- Developed a Java program that utilizes object-oriented programming, regular expressions, and the INI library to gather specific data from a file and store information in objects
- Worked with JavaFX to create a GUI component for Skirmos' software products

Kumon Math and Reading Centers, Reston, VA, *Tutor*

May - Aug. 2016

- Assisted pre-college students with math concepts ranging from Algebra to Multivariable Calculus

Projects

Submission Scenarios Website

- Developed a website for Booz Allen Hamilton's clients to use to determine what investment submission scenario they are experiencing after the release of the new version of the application

Game Predictor Website

- Created a site that utilizes web scraping and front-end web development to determine outcomes of NBA games
- Used D3 and AngularJS to enhance UI of the application

Indiana Jones Missing Gold Algorithm

- Developed algorithm for final project of data structures class to maximize character's gold collection
- Used Dijkstra's algorithm and a heap implementation to receive project grade that was in top 10 percent

RESEARCH EXPERIENCE

Agua Clara Engineering Project Team, Cornell University, Ithaca, NY, *Undergrad Researcher*

Jan. 2016 - Present

- Used LabVIEW to develop program that determines average size and count of particles present in water
- Developed apparatus to hold camera to take images of water, as a means of properly testing the program
- Transferred program and hardware components to workers at the treatment plants in Honduras and India to ensure that all aspects of the filtration process are functioning smoothly
- Present research and achievements every month in front of all members of Agua Clara

AFFILIATIONS

Association of Computer Science Undergraduates, Ithaca, NY, *Member*

Aug. 2016 - Present

- Attend bimonthly presentations to improve technical skills and develop connections with the CS community

Rotary Club, Great Falls, VA, *President*

Oct. 2013 - Aug. 2015

- Led fundraising events in city of Great Falls and participated in 60+ hours of community service per year

SPECIALIZED SKILLS

Programming Languages: Java, C++, MATLAB, LabVIEW, HTML/CSS/JavaScript