DAVID ZHAO

COMPUTER SCIENCE

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☎ (281) 961-7541

EDUCATION		
University of Virginia, Charlottesville, VA - *B.S. Computer Science*		Expected Grad. 2020
CS 2120 Software Dev., ECE 2330 Digital Logic Design, APMA 2110 Multivariable Calculus		
Thomas Jefferson HSST, Alexandria, VA - *Web/Mobile App Development*		Sep 2012 - Jun 2016
Artificial Intelligence, Web/Mobile App Development, AP Computer Science (5), AP Statistics (5)		

WORK		
US Army Corps of Engineers, Alexandria, VA - *Research Scientist Intern*		Jun 2015 - Aug 2015
Optimized algorithms for the setup and querying computations of a spatial index		Python
TJ Middle School Tech Institute, Fairfax, VA - *Teaching Assistant*		Sep 2014 - Jun 2014
Taught 120 middle school students app development		App Inventor
Math Tutor, Alexandria, VA - *Volunteer/Tutor*		Feb 2013 - Jun 2016
Tutored dozens of at-risk middle school students and two high school students on math topics		

PROJECTS		
Anacostia National Park App - *Lead Developer*		Jul 2015 - Present
Creating a geo-narrative audio tour guide app for Android		Java, JSON, XML
The Cavalier Daily - *Developer*		Sep 2016 - Present
Developing a new website for the Cavalier Daily newspaper		Angular.JS, Django
Moonrise - *Developer*		Sep 2016 - Present
Building a Unity game with a 40-person team		C#, Unity 3D
Cavalier Symphony Orchestra - *Chief Technology Officer, Principal Trumpet*		Sep 2016 - Present
Improving website and technology usage within the club		JS
Hackathons - *Mentor/Workshop Leader/Participant*		Mar 2014 - Aug 2016
Participated in 6 hackathons (1 by invite) and mentored at 2 others		Java, JS, Node.JS, PHP
Music - *Trumpet Player/Quartermaster/Chief Tech Officer/First Chair/Volunteer*		Oct 2007 - Present
Participated and led in national-level concert bands, marching bands, and orchestras		
Rubik's Cube Club - *Lead Developer/Co-President*		Nov 2015 - Jun 2016
Developed my high school Rubik's Cube club website for usage by club members		JS, PHP
As part of the club team, I achieved the national record for the Rubik's Cube team solve		
Resume Web Page - *Lead Developer*		Jan 2016 - Present
Created an aesthetic web page to do display my resume and portfolio		JS, PHP

TECHNICAL SKILLS	
Programming Languages	
Java - Python - Django - Javascript - Node.JS - Angular.JS - PHP - C# - HTML/CSS - JSON - XML	
Specialized Software	
Git Bash - Unity 3D - Blender - GIMP - Android Studio	

Github	Linkedin	Portfolio
www.github.com/Snowyblack58	**www.linkedin.com/in/davidzhao058**	**snowyblack58.github.com/Resume**