

# Alexander (Alice) Kalok

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## Objective

Hardworking and skilled computer science undergraduate student seeking a summer internship in software development, cybersecurity, or artificial intelligence to gain professional programming experience.

## Education

<b>Georgia Institute of Technology</b> , Atlanta, GA	<i>August 2017 - May 2020 (Expected)</i>
<ul style="list-style-type: none"><li>Candidate for Bachelor of Science in Computer Science, GPA 3.6</li></ul>	
<b>Loudoun County Academy of Science</b> , Sterling, VA	<i>May 2017</i>
<ul style="list-style-type: none"><li>High School Advanced Diploma, GPA 3.9/4.0</li></ul>	

## Professional Experience

<b>Withum Digital, Development Intern</b> , Bethesda, MD	<i>June 2018 - August 2018</i>
<ul style="list-style-type: none"><li>Developed and maintained React SharePoint applications and an Angular Ethereum Blockchain explorer in an agile development environment.</li><li>Managed expectations and shipped deliverables on time and under budget</li></ul>	
<b>School Bus Solutions, Developer</b> , Sterling, VA	<i>June 2015 - August 2015</i>
<ul style="list-style-type: none"><li>Created a Swift IOS application for a local transportation management startup designed to allow parents to easily access and send information about their student</li><li>Learned about developing software in a professional environment</li></ul>	
<b>High Sierra Pools, Lifeguard</b> , Leesburg, VA	<i>June 2017 - August 2017</i>
<ul style="list-style-type: none"><li>Served as a Lifeguard at a local swimming pool</li><li>Gained experience serving in a position of responsibility and handling high-pressure situations.</li></ul>	

## Skills

<b>Languages:</b>	Proficient: Java, C#, TypeScript, HTML. Familiar: SASS / CSS, JavaScript, Python, C, C++, Cg.
<b>Technologies:</b>	Proficient: React, Unity, Blender, Git. Familiar: Angular, SPFx, Substance Painter.
<b>Skills:</b>	OOP, web development, agile development, 3D modeling and printing, artificial intelligence.

## Projects

<b>Path to Harmony Video Game, Project Leader</b> , Atlanta, GA	<i>August 2018 - December 2018</i>
<ul style="list-style-type: none"><li>Lead a 30-person team in the development of a polished video game, "Path to Harmony". Responsible for project management, architecture, coding, as well as game design, writing, art and sound direction.</li><li>Gained project management and technical leadership experience</li></ul>	
<b>International Research Collaboration with Singapore's Hwa Chong Institution</b> , Sterling, VA, and Bukit Timah, Singapore	<i>August 2015 - May 2016</i>
<ul style="list-style-type: none"><li>Researched the incorporation of zinc oxide photocatalysts into electrospun meshes for degradation of atmospheric pollutants</li><li>Collaborated with an American and two Singaporean research partners. Developed teamwork, leadership, and multicultural skills. Received the highest possible grade, an A*</li></ul>	
<b>Innovative Solutions Consortium</b> , Sterling, VA	<i>August 2015 - May 2016</i>
<ul style="list-style-type: none"><li>Spearheaded a team to design and develop a prototype for a single system utilizing a common data standard to streamline Loudoun County Public Schools' online operations for both teachers and students</li><li>Won first place at the Innovative Solutions Consortium Technology in Education competition</li></ul>	

## Leadership

<b>Team Leader, High School Programming Competitions</b> , Purcellville, VA	<i>August 2013 - May 2017</i>
<ul style="list-style-type: none"><li>Led a team in ICPC style programming competitions throughout Virginia and Maryland</li></ul>	
<b>Scouting Leader, FIRST Robotics</b> , Sterling, VA	<i>August 2015 - May 2016</i>
<ul style="list-style-type: none"><li>Member of design and construction teams, learned about design, reliability, and manufacturing</li><li>Organized and led the scouting team during competition, analyzed other teams' strengths and weaknesses</li></ul>	
<b>AP Computer Science Teacher's Assistant</b> , Purcellville, VA	<i>August 2015 - May 2016</i>
<ul style="list-style-type: none"><li>Guided less experienced computer science students to greater understanding</li></ul>	

## Activities

<b>VGDev, (Video Game Development Club)</b> , Atlanta, GA	<i>August 2017 to present</i>
<b>T+, (Talk Group), Facilitator</b> , Atlanta, GA	<i>August 2017 to present</i>
<b>Varsity Swim Team</b> , Purcellville, VA	<i>August 2014 to May 2017</i>
<b>Cyberpatriot (Cybersecurity Competition)</b> , Purcellville, VA	<i>August 2014 to May 2017</i>