

# Alice Moh

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## Objective

Hardworking and skilled computer science undergraduate student seeking a position in software development, cybersecurity, artificial intelligence, or related field to continue building professional development skills.

## Education

**Georgia Institute of Technology, Atlanta, GA**

*August 2017 - December 2020 (Expected)*

- Candidate for Bachelor of Science in Computer Science, GPA 3.5
- Concentrations in Graphics and Artificial Intelligence

## Professional Experience

**Georgia Tech Laboratory, Student Researcher, Atlanta, GA**

*May 2020 - August 2020*

- Developed a Unity and Python flight simulator extensible to a variety of research questions, especially human and Machine Learning piloting.
- Architected a custom networking protocol utilizing TCP to optimize ML training.

**Georgia Tech Research Institute, Student Research Assistant, Atlanta, GA**

*January 2020 - May 2020*

- Researched applications of technologies designed to confer new capabilities upon legacy systems without software or hardware modifications.
- Collaborated with RF engineers to analyze antenna interference in Command and Control vehicles.

**IBM Corporation, Extreme Blue Technical Intern, Durham, NC**

*May 2019 - August 2019*

- Developed a scalable cloud-based service which utilizes a network of IoT sensors and machine learning to predict and prevent supply chain disruptions before they impact customers.
- Predicted to increase customer satisfaction and prevent millions in damages annually.
- 2nd place and People's Choice in the multinational Call for Code competition among over 600 competitors

**Withum Digital, Development Intern, Bethesda, MD**

*June 2018 - August 2018*

- Enhanced and maintained React SharePoint and Angular Ethereum Blockchain applications in an agile development environment. Created automated test systems where none existed.
- Managed expectations and shipped deliverables on time.

## Skills

Proficient

Familiar

**Languages:** Java, C#, TypeScript, Python, HTML

SASS / CSS, Javascript, C, C++, Matlab, SQL, DB2

**Technologies:** React, Unity, Blender, Git

Node.js, Angular, Express, SPFx, Android, Flask

**Skills:** OOP, web dev, agile, 3D modeling / printing, cloud, microservices, AI, machine vision, linux

## Projects

**Path to Harmony Video Game, Project Leader, Atlanta, GA**

*August 2018 - January 2019*

- Led a 20-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.
- Gained project management, technical, and artistic leadership experience
- Shown at DreamHack Atlanta 2019

**Letters Mingle Souls, Atlanta, GA**

*January 2019 - December 2019*

- Created a digital humanities archive that allows scholars to collaboratively search, organize, and annotate public domain works of literature.
- Developed project with a local researcher, learned to integrate the client into the development process.

**International Research Collaboration with Singapore's Hwa Chong Institution,**

*August 2015 - May 2017*

Sterling, VA, and Bukit Timah, Singapore

- Researched photocatalytic electrospun meshes for degradation of atmospheric pollutants
- Collaborated with an American and two Singaporean research partners. Developed teamwork, leadership, and multicultural skills. Received the highest possible grade, an A\*

## Leadership

**VGDev (Video Game Development Club), President, Atlanta, GA**

*August 2017 - present*

- Serving as speaker (president equivalent), responsible for organization, recruitment, and education
- Led the creation of three video games and contributed assets from a variety of disciplines to other games.

**Scouting Leader, FIRST Robotics, Sterling, VA**

*August 2015 - May 2016*

- Member of design and construction teams, organized and led the scouting team during competitions

**Computer Science Teacher's Assistant, Purcellville, VA**

*August 2015 - May 2016*

- Taught less experienced computer science students and guided them to greater understanding