

Michael Keohane

(508)-450-3330
www.linkedin.com/in/michael-keohane

mkeohane@gatech.edu
www.michaeljkeohane.com

8 Bracken Rd, Shrewsbury MA
01545

Skills

- ❖ **Languages:** Java, JavaScript, C, Python, SQL, Basics of Perl, Shell and Swift, CSS, HTML
- ❖ **Framework & Tools:** React, XCode, Git, Arduino, Android Studio, Firebase, Powershell
- ❖ **Concepts:** Agile Development, Data Structures and Algorithms, Object-Oriented Programming, Computer Organization and Programming, Linear Algebra, AI, Computer Graphics, Robotics and Perception
- ❖ **Operating Systems:** Windows, MacOS

Employment History

- ❖ **Digital Credit Union - IT Intern (Summer 2019)**
Developed software programs to automate processes of the infrastructure team, analyzed workflow data to create detailed dash- boards (SQL & Power BI), implemented hands-free employee profile creation script for new hires
- ❖ **Let's Get Ready - Tutor (Summer 2018)**
Tutored a class of 15 students in preparation for the math portion of the SAT, as well as guidance on the college admissions process in preparation for their senior year
- ❖ **Cisco Systems - Intern (Summer 2017)**
Worked in a cloud computing lab to assist in the automation of net- working software and virtual machine installations
- ❖ **Shrewsbury Parks & Recreation - Camp Counselor, Youth Sports Coach (June 2016 - August 2018)**
Managed over 100 children from Kindergarten up to 7th Grade. Main- tained a fun, yet controlled, environment for the children to play and explore

Education

Georgia Institute of Technology	Expected Graduation: May 2022
Candidate for Bachelor of Science in Computer Science	GPA: 4.0/4.0
Threads: Media & Intelligence	
Saint John's High School	Graduated: May 2018
Class Valedictorian GPA: 4.0/4.0 SAT: 1600	

Activities

- ❖ **Tyes - Lead Software & Web Designer (2018 - Present):** Working alongside fellow students to create smarter assessment tools to assist in the recovery process for people suffering from muscular spasticity
- ❖ **Intelligent Tutoring Systems - Full Stack Developer (2019 - Present):** Working to enhance learning by supporting digital dialogue between students and all resources available for a course. Creating an intelligent review React application to improve a student's study habits
- ❖ **Project Shatter - Software Developer (2019):** Created a networking website for schools in poorer regions of Georgia to use to give its students opportunities to learn Computer Science and earn money working on small projects for companies throughout the state. <https://devpost.com/software/project-shatter>
- ❖ **iOS Club - Member (2019):** Learned to develop applications for iOS using XCode, incorporating network connectivity and data management as well
- ❖ **Freshman Council - Student Advisor (2019 - Present):** Welcoming in and empowering first year students while promoting strong mental health throughout the school
- ❖ **Biomedical Engineering Club - Member (2018):** Learned Arduino and basic circuitry to build a functioning robot

Awards

- ❖ **Best Spatial Software Award (HackGT)** <https://devpost.com/software/chaos-colleagues>
- ❖ **Best User Experience and UI Award (Home Depot Reinforcement Learning Hackathon)**
Created the award-winning UI and assisted in creating our Reinforcement Learning agent
- ❖ **People's Choice Award (Collegiate Cup Hackathon)** <https://devpost.com/software/project-shatter>
- ❖ **Brother Alfred, C.F.X, Award for Excellence in Computer Science (Saint John's High School)**
Award given to one member of the graduating class who showed exceptional ability in Computer Science