

Shahnaaz Khader

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US Citizen

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EDUCATION

- **Georgia Institute of Technology** Atlanta, GA
Bachelor of Science in Computer Science Aug. 2017 – Dec. 2019
 - **GPA:** 3.62
 - **Concentrations:** Intelligence and Media
 - **Related Coursework:** Machine Learning, Information Visualization, Robot Intelligence, Artificial Intelligence, Design and Analysis of Algorithms

EXPERIENCE

- **Georgia Institute of Technology – College of Computing** Atlanta, GA
Teaching Assistant for Machine Learning Jan 2019 – Present
 - Covering topics such as supervised, unsupervised, and reinforcement learning, and randomized optimization for over 350 undergraduate and graduate students.
- **Verizon Media – Yahoo** Sunnyvale, CA
Data Engineering Intern Jun 2019 - Aug 2019
 - Analyzed user metrics using various machine learning models for the Yahoo homepage to make headlines more relevant to specific users
 - Created a full stack web application using Spring Boot in Java and React.js to organize and manage user databases
- **Vitru** Washington, D.C.
Engineering Intern Jun 2018 - Aug 2018
 - Developed an application which analyzed and displayed performance data and builds metrics of the engineering team and allowed engineers to access functionalities of different websites which made it easier for over 50 engineers at the company to track issues, close and open sprints, and track progress
 - Verified the efficiency of in house compression algorithms using unsupervised learning
- **gtlyfe** Atlanta, GA
Student Ambassador Sep 2017 - Apr 2018
 - Planned marketing strategies and ad campaigns to target students and aided in user testing to improve the quality of the app

PROJECTS

- **Stories for Sustainability:** Jan 2019 - Present
 - Collaborating with a team of five members to design and create mobile and web applications to help the United Nations teach sustainability goals to children of various ages and nationalities
 - Collecting and displaying interactive stories to promote sustainability awareness in children
- **Donation Tracker:** Aug 2018 - Dec 2018
 - Worked on a team of five members to create an Android app for use for nonprofit organizations to track inventory of donations and locations, available for both internal and external usage
 - Developed web and ios markups of the app
- **Text to Speech – PearlHacks:** Feb 2018
 - Developed an Android app with a team of three people that converted text into speech at PearlHacks, the all female hackathon at UNC Chapel Hill

SKILLS

- **Programming:** Python, Java, Javascript, HTML/CSS, SQL, MongoDB, Firebase
- **Frameworks:** React.js, Node.js, Android, Processing, Scikit-learn, D3.js, LaTeX, Kubernetes, Windows, Mac OS, Linux