

Vignesh Sreedhar

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GitHub: <https://bit.ly/3hVpL0q>

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EDUCATION

Georgia Institute of Technology, Atlanta, GA *Aug 2020 - May 2024 (expected)*

- Bachelor of Science in Computer Science; Cumulative GPA: 4.0

Georgia Institute of Technology – Lorraine Campus, Metz, France *Aug 2020 - May 2021*

- Study Abroad Program in Europe

American School of Paris, Saint-Cloud, France *Aug 2016 - May 2020*

- International Baccalaureate Diploma (Overall Points: 43/45, May 2020 Session)
- Valedictorian of Class of 2020; Weighted GPA: 4.88/5.00

SKILLS

Programming: Java (Oracle certified junior associate), Python (proficient), C/C++ (proficient)

Mobile App Development: Android Studio (proficient inc. in XML), Apple Xcode (proficient inc. in Storyboard)

Web Development: PHP (proficient), JavaScript (intermediate), HTML (proficient)

Software/Tools: GitHub, Slack, Google Drive, MS Office, iMovie, GarageBand, Logger Pro, Tracker, Spark Vue, MySQL (basic)

Coursework: Object-oriented programming, Machine learning (certificate course), Linear algebra, Multivariable calculus, Classical mechanics, Electromagnetism and modern physics

Languages: English (fluent), French (fluent), Hindi (conversational), Tamil (native)

Sports: Tennis (high school varsity captain, French tennis club member); weight-training

RESEARCH

Independent Study on European Union Governance and Artificial Intelligence *Jan 2020 – May 2020*

- Currently collaborating with Dr Vicki Birchfield on a research paper (to be published) exploring the EU's potential in establishing an 'ethical and secure' Artificial Intelligence framework

PROJECTS/EXPERIENCE

New Reality Summit Hackathon (Third Place Winner), Lead Programmer *May 2020*

- Developed and presented an almost fully functioning app called CoronaHacks (<https://bit.ly/32Wj2zc>)
- Gave students during confinement access to courses, events, and articles based on their hobbies & interests

App Development: ASP Today & PAMUN 2018 *Summer 2018 – Present*

Developed *ASP Today* on the App Store (<https://apple.co/3iQIZqp>) & Play Store (<https://bit.ly/3mKNJPK>), providing resources to parents & students in high school

- Created beta testing groups to receive pointed feedback and make updates on the app
- Collaborated with school communications dept. towards making app the official means of communication

Developed *PAMUN 2018* on the Play Store (<https://bit.ly/33Uz77u>), providing participants in school MUN conference with procedure & resources

LEADERSHIP

Sports/Event Coordinator, Georgia Tech-Lorraine *Aug 2020 – Nov 2020*

- Organized debate on US presidential elections and held online events when France went into lockdown

Robotics Team, Lead Programmer/Builder *Aug 2018 – May 2020*

- Represented France in 2019 FIRST Global Challenge in Dubai as lead programmer and collaborated on other projects

Model United Nations, Executive Cabinet Leader *Aug 2016 – May 2020*

- Held officer positions (including secretariat positions) at several prestigious conferences like THIMUN and PAMUN

India Service Club, Co-President *Aug 2016 – May 2020*

- Organized fundraisers, led meetings, helped raise >15,000 euros annually for special school in Rishikesh, India