Gargi **Sapre**

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Education

University of Massachusetts Amherst   *Amherst, MA*

B.S. Majoring in Informatics and Data Science with minor in Computer Science   *Sept 2016 - PRESENT*

- Received the Chancellor's Award Scholarship
- President of Hindu YUVA, on campus Student Organization
- Relevant Coursework: **CS345:** Databases, **CS325:** Human Computer Interaction, **CS383:** Artificial Intelligence, **CS230:** Computer Systems Principles, **Stat515:** Calculus Based Statistics, **OIM301:** Operations and Information Management, **CS187:** Data Structures

Experience

Software Engineering Intern   *Trenton,NJ*

First American Corporation (Signature Information Solutions)   *June 2017 - Aug 2017*

- Saved several days of manual labor for employees to place large orders by creating a Python client that reads information from an excel spreadsheet and places orders through the server rather than manual inputs into the website
- Worked in the team to create a proof of concept client in C that would place orders directly through the servers without manual input

Website Intern   *Remote*

Boston Road Runners   *Jan 2017 - March 2017*

- Designed and implemented email confirmation templates in HTML that would allow for better formatted automated emails to be sent to users after registration
- Helped preliminary design of a web application for users to track their fitness goals that would allow users to have a healthier lifestyle

Software Engineering Intern   *Trenton,NJ*

LexisNexis (Signature Information Solutions)   *May 2016 - Aug 2016*

- Conceptualized, designed, developed a proof of concept app on Telerik platform to place an order by scanning a QR code
- Wrote thorough daily documentation on progress and tutorials for the other employees for future purposes
- Work with other team members to create a design that was efficient
- Wrote code in the NativeScript environment using Javascript, HTML, CSS as well as multiple JS frameworks

Skills

Programming Skills

- Java, Python, C, C#, and Scala(1+ Year experience)
- Linux OS and Windows OS (2+ Year Experience)
- Google APIs, RESTful WebServices, AWS, Google Cloud Messaging, Firebase, and HTTP/HTTPS server calls (1 Year Experience)
- SOAP Webservices, WSDL Files, Zeep python client (1 Year Experience)
- MySQL, R studio, and LaTex (1+ Years Experience)
- ChucK musical programming, Arduino, sensors, and breadboard circuits
- NativeScript and Hybrid mobile app development environment
- Android Studio
- Microsoft Office (Excel, Word, and Powerpoint)

Other

- Fluent in English, Spanish, Hindi, and Marathi
- Currently learning Chinese
- Problem solving skills obtained from Computer Science minor
- 5+ Years volunteering experience with Hindu Swayamsevak Sangh