

# Gargi Sapre

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## Education

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### University of Massachusetts Amherst

B.S. IN COMPUTER SCIENCE

Amherst, MA

- Sept 2015 - PRESENT
- Received the Chancellor's Award Scholarship
  - Relevant Coursework: **CS187:** Data Structures, **CS410:** Compiler Techniques, **CS383:** Artificial Intelligence, **CS311:** Algorithms, **CS230:** Computer Systems Principles, **Stat515:** Calculus Based Statistics, **CS345:** Databases

## Experience

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### Technology Intern

Trenton, NJ

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June 2018 - Aug 2018

- Updated the on line Order Management System to capture transaction volumes for Risk and Compliance customers using ASP.net and C# Web Services
- Wrote a functional specification of new enhancements proposed for the Wall Street Journal Pro product and received sign-off from business and technology
- Designed, coded, and published new customer reports for the Sales, Finance, Tax, and Commercial Policy Departments using Actuate and SQL queries
- Researched and developed an application design framework prototype using Microservices architecture
- Created Tableau reports and wrote training documentation for the software engineering team on how to build visualizations with an Informix database

### Software Engineering Intern

Trenton, NJ

SIGNATURE INFORMATION SOLUTIONS (FIRST AMERICAN FINANCIAL CORPORATION)

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

### 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
- Wrote code in the NativeScript environment using Javascript, HTML, CSS as well as multiple JS frameworks

## Skills

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### Programming Skills

- Java, JavaScript, Python, and C#(3+ Year experience)
- Linux OS and Windows OS (3+ Year Experience)
- Informix Database, Postgres, MySQL, and Actuate Reporting (1+ Year Experience)
- SOAP Webservices, WSDL Files, Zeep python client (1 Year Experience)
- Basic use of Docker and Microservices (1 Year Experience)
- R studio, Tableau, and LaTex (2+ Years Experience)
- NativeScript and Hybrid mobile app development environment (1 Year Experience)
- Microsoft Office (Excel, Word, and Powerpoint)

### Other

- Sister of Delta Kappa Delta Sorority, Inc., which is a community service organization
- President of Hindu YUVA, and on campus student organization
- Fluent in English, Spanish, Hindi, and Marathi
- Currently learning Chinese
- 6+ Years volunteering experience with Hindu Swayamsevak Sangh