

Gargi Sapre

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Education

University of Massachusetts Amherst

Amherst, MA

B.S. IN COMPUTER SCIENCE

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

Technology Intern

Trenton, NJ

DOW JONES

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

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