

SHRIF RAI

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Availability: May - December 2022

Education

Rochester Institute of Technology Bachelor of Computer Science

Aug 2019 - Present

Expected: Dec 2022

- **Courses:** Data Mining, Cryptography, Compilers, Algorithms, Operating Systems, Data Management
- **GPA:** 3.55

St. John Fisher College Bachelor of Computer Science

Sept 2017 - May 2019

- **Courses:** OOP in Java, Computer Architectures, Data Science, Data Structures
- **GPA:** 3.79

Skills

Languages: Java, Python, Javascript, C/C++, C#

Technologies: React Native, React.js, Node.js, Express, Firebase, Pandas, Bash, Git

Professional Experience

Ortho Clinical Diagnostics

Rochester, NY

Software Engineering Intern - Test Automation Team

May 2020 - Aug 2020

- Worked with a team of developers to test Ortho's Blood Analyzer Machine Software
- Automated and improved on pre-existing manual test cases
 - Wrote and conducted unit testing using Lua and C++ on a bi-weekly sprint basis
 - Conducted code reviews and validation meetings for all test scripts

Excellus BCBS

Rochester, NY

HCM Technology Intern - HCM Tech Team

June 2019 - Aug 2019

- Revamped security roles and made an automated employee turnover report.
- Revision improved overall security and organization of roles.
- Used SQL and Cognos BI to write queries and automate reports for the HR team.

Projects

React Native App	Built a group Study App using React Native and Firebase
RSA Messaging System	C# program that implements RSA algorithm for messaging
Online Checkers Game	Created a web-browser checkers game using Java and Spark
Blog Web App	Developed a blog web app using Node, Express, and Mongo DB

Activities

13thirty Cancer Connect	Conducted and analyzed eye-tracking data for website improvement and helped redesign 13thirty.org
Dandy Hacks 2019	Built a web-based group chat app with Angular and Firebase