

# ANNIE TIET

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## EDUCATION

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### Rochester Institute of Technology (RIT)

Expected May 2024

*B.S. Software Engineering*

*GPA: 3.83*

- Coursework: Analysis of Algorithms, Engineering of Concurrent and Distributed Software Systems, Engineering Secure Software, Software Process and Project Management, Human Centered Requirements and Design

## EXPERIENCE

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### Software Engineer Intern

June 2022 – Aug. 2022

*Liberty Mutual Insurance*

*Remote*

- Developed features for an underwriting rules application using JavaScript, React.js, and Material-UI with the Global Retail Markets US Personal Lines Products Tech team
- Increased documentation accuracy and time saved by providing the business with a designated location to directly research coded rules definitions without need of IT assistance
- Won 3rd place competing against 25 other teams in the TechStart intern hackathon, created a frontend client in React.js for a PDF conversion tool that applies Bionic Reading to text contents

### Backend Developer Co-op

Jan. 2022 – June. 2022

*Retail Business Services*

*Remote*

- Worked on an Agile team to build RESTful APIs for a local vendor ordering application used by grocery store associates, leveraged Node.js, Express.js, MongoDB, containerized using Docker and deployed on Azure
- Participated in Scrum ceremonies, code reviews, stakeholder demos, and communications with external QA teams

### Software Engineer Intern

May 2021 – Aug. 2021

*Ortho Clinical Diagnostics*

*Rochester, NY*

- Created an internal tool in Excel VBA for the Software V&V team to streamline and enhance the feature validation and review process of VITROS® blood analyzers
- Reduced the total time required for operator instrument error code analysis by 65% through task automation for information entry, file formatting, and storing of historical data within Microsoft SQL Server

## PROJECTS

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### Muze Music Library System | *Java, Firebase*

- Collaborated as a team of 5 to design, document, develop, and deliver project requirements by applying object-oriented design principles and patterns
- Connected to Cloud Firestore to support the data persistence of searchable personal music libraries
- Configured a GUI with JavaFX components to provide an alternative experience to the command line interface

### Web Checkers | *Java, JavaScript, HTML/CSS*

- Worked in an Agile team of 3 using Spark micro framework to build an online web checkers application
- Coded UI controllers that handled HTTP requests to generate dynamic HTML responses
- Achieved 95% overall code coverage with unit tests written using JaCoCo, JUnit, and Mockito

## ACTIVITIES

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### Women in Computing at RIT | *Active Member - WiCHacks Organizer*

Jan. 2020 – Present

- Discuss and plan for the annual women, femme, and non-binary 24-hour hackathon hosted by WiC @ RIT
- Co-director of Logistics for WiCHacks 2022 responsible for managing a \$50,000 event budget, venue planning, material organization, external communications, and schedule creation
- Led first-ever hybrid modality achieving record-breaking numbers of 147 attendees, 10 different countries, 48 different schools, and 44 total project submissions on Devpost

## TECHNICAL SKILLS

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**Languages:** Java, Python, JavaScript, HTML/CSS, Visual Basic for Applications, SQL, NoSQL

**Technologies:** Node.js, Express.js, React.js, Material-UI, Flask, Pytest, JUnit, Mockito, MongoDB, PostgreSQL

**Tools:** Git, Azure DevOps, Docker, Postman, VS Code, IntelliJ IDEA, PyCharm, WebStorm, Jira, Trello, Figma