Annie Tiet

📱 (585) 284-6955 ✉ anniedtiet@gmail.com
in /in/annietiet 🔗 annietiet

EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY (RIT)　　　　EXPECTED MAY 2024
Bachelor of Science: Software Engineering
GPA: 3.81/4.0 - *Awarded Dean's List All Semesters*

TECHNICAL SKILLS

Java, Python, SQL, HTML/CSS, Visual Basic for Applications, React, IntelliJ, PyCharm, Git

EXPERIENCE

ORTHO CLINICAL DIAGNOSTICS | ROCHESTER, NY　　　MAY 2021 - AUG 2021
Software Engineering Intern
- Developed 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 total time required for analysis by an estimated range of 50%-75% by automating tasks and storing historical data for future reference in Microsoft SQL Server
- Participated in code review within Atlassian Crucible to ensure delivery of high quality code
- Designed and executed formal test cases in HP ALM to assure accurate program outputs

PROJECTS

MUZE MUSIC LIBRARY SYSTEM - JAVA
Application for music aficionados to track the songs in their music collection
- Collaborated as a team of 5 to design, document, and implement project requirements using object-oriented design principles and Gang of Four design patterns
- Connected with Cloud Firestore to support data persistence of personal libraries
- Configured a GUI with JavaFX components to provide an alternative user experience

WEBCHECKERS - JAVA, JAVASCRIPT, HTML
Connect to a web application to play an online Checkers game
- Worked in an Agile team of 3 using Spark micro framework and FreeMarker template engine
- Coded UI controllers that handled HTTP requests to generate dynamic HTML responses
- Wrote unit tests using JaCoCo, JUnit, and Mockito achieving 95% overall code coverage

COURSE SELECTOR - REACTJS, PYTHON, FLASK, POSTGRESQL
Full-stack web application to manage courses through a catalog with shopping cart
- Utilized Reactstrap components to construct front-end after retrieving and loading initial data
- Integrated REST APIs to facilitate server-client communication and interaction with a relational database via PostgreSQL

CHAT SYSTEM - PYTHON, SQL, POSTGRESQL
Community and channel text messaging system similar to Slack and Discord
- Added basic CRUD operations for chatroom users and messages
- Programmed moderation and user suspension features that modify chatting permissions
- Set up GitLab for continuous integration during development to ensure successful builds in each branch before deployment

ACTIVITIES

WOMEN IN COMPUTING AT RIT - WICHACKS ORGANIZER　　AUG 2020 - PRESENT
- Discuss and plan for the annual all-female and non-binary 24-hour hackathon hosted by WiC
- Co-Director of Logistics for 2022 event responsible for budgeting, material organization, external communications, and schedule creation

LIBERTY MUTUAL WOMEN IN TECHNOLOGY SUMMIT　　　JUN 2021
- Selected to attend event hosted by Liberty Mutual involving webinars, workshops, and panels