

PHIL GANEM

Software Engineering Undergraduate

Third-year undergraduate currently studying and working at the Rochester Institute of Technology. Looking to gain valuable work experience for a future software engineering career.

GOAL:

To acquire a software engineering internship for university co-op. Looking to work January to August of 2024.

CONTACT INFORMATION

- ✉ philipganem@gmail.com
- ☎ (207)-693-8078
- in LinkedIn: /in/phil-ganem/
- 📍 Rochester, New York
- 🌐 <https://philganem.com>

SKILLS

- Teamwork and Collaboration
- Problem Solving
- Software Development Standards
- Data Structures and Algorithms
- Software Testing and Validation
- Web Programming
- Software Quality Assurance

PROGRAMMING

- Java
- Rust
- Python
- C
- Javascript
- Express
- Kotlin
- REACT.js
- HTML
- CSS
- Flask
- SQL
- Tailwind CSS

TOOLS

- Git
- Github
- Gitlab
- Bitbucket
- MongoDB
- Postman
- Docker
- PostgreSQL
- Gitkracken
- Maven

CAREER SUMMARY

June 2023 to present

Head Software Engineering Course Assistant

Rochester Institute of Technology | Rochester, NY

- Assist in the writing and testing of assignments, quizzes, and exams in Python and Java for Rochester Institute of Technology's Software Engineering and Problem Solving 1 & accelerated courses.
- Assist 37 course assistance in providing exceptional support for students.
- Guide students to the correct implementation of both code and software engineering practices through verbal and textual feedback.
- Mentored students through office hours and out-of-class one-on-one communication.

Jan. 2023 to Aug 2023

Software Engineering Intern

Measure for Justice | Rochester, NY

- Wrote modern and maintainable code for a set of internal projects that work to support the data engineering pipeline.
- Made targeted code changes within the data engineering pipeline
- Utilize an array of technologies, such as Kotlin, Maven, and PostgreSQL, to reduce pipeline cycle time, enhance pipeline functionality, and implement new features within the pipeline.
- Collaborate with multi-disciplinary teams of engineers and criminal justice experts on a SCRUM team.

PROJECTS

Multi-User Dungeon, RIT Course (SWEN-262)

- Worked on a team of 5 developers to create a rogue-like video game using Java over a week period.
- Used Java to implement design patterns laid out within Design Patterns Elements of Reusable Object-Oriented Software as well as MVC.
- Used JUnit to create extensive unit tests for the game.
- Built a GUI using JavaFX.
- Included a PostgreSQL database to store player data.

Webcheckers, RIT Course (SWEN-261)

- Worked with a team of 5 developers to create a web application for player-versus-player checkers in Java with the Java Spark framework.
- Followed Agile development process resulting in economical development of the product.
- Gave regular in-class demos to colleagues.
- Utilized object-oriented design principles to create clear, modular, maintainable code.

Nutrikit, RIT Course (SWEN-344)

- Full-stack web application developed over a 4-week period. Stack included PostgreSQL, Python, Flask, Javascript, and REACT.js.
- Its purpose was to track and support a user's nutritional goals using the nutritional values of food within a database. Additionally, users had the option of adding, removing, or modifying items within the database and visualizing their goals with an interactive progress bar and nutrition label.
- Conducted weekly peer-to-peer code reviews over the course of the project.

ACADEMIC BACKGROUND

Aug. 2020 to Present

Rochester Institute of Technology


Bachelor of Science in Software Engineering

- Expected graduation in May of 2025.
- GPA of 3.69
- Received RIT Presidential Scholarship.

PHIL GANEM

 368 Roosevelt Trl South Casco, ME 04077

 philthesoftdev@gmail.com

 (207)-693-8078

[RECIPIENT NAME]

[TITLE]

[COMPANY NAME]

[ADDRESS]

[ADDRESS TWO]

[CITY, STATE ZIP]

[Date]

Dear [RECIPIENT],

[INTRO]

[BODY]

[CALL TO ACTION]

[CONCLUSION]

Sincerely,

Phil Ganem

PHIL GANEM

📍 368 Roosevelt Trl South Casco, ME 04077

✉ philthesoftdev@gmail.com

📞 (207)-693-8078

Measures for Justice

421 University Ave

Rochester, NY 14607

21 September, 2022

To whom it may concern,

With great enthusiasm, I am submitting my application for Measures for Justice's spring software engineering co-op today. I happened upon this opening after reading about Measures for Justice's mission and found myself feeling at home. Ever since I was in high school, I have cared deeply about the issues facing our country. Because of this, I participated in a lot of community activism both related and unrelated to Measures for Justice's mission. This passion eventually brought me to my current path at the Rochester Institute of Technology as a software engineering student. All the work I have put into my education so far is in hopes of being able to assist in instigating the changes necessary to improve peoples' quality of life. With this being said, Measures for Justice's focus on activism and providing the necessary information for citizens of our country to make real change happen is what led me to apply today.

Your listing mentions that you are looking for an individual who is experienced with an object-oriented or functional language. I happen to have vast experience with both. My current role at the Rochester Institute of Technology has me assisting in the teaching of beginner through intermediate Python and Java programming skills and problem-solving tactics. Because of this, I have a solid understanding of both languages. In addition to this experience, I have taken part in multiple projects that utilized the aforementioned languages (and others) in their codebase. My most recent exemplary accomplishment would be my work for RIT's Engineering of Software Subsystems course. Over my last term, I worked on a SCRUM team of five for three months incrementally releasing a Java software product with a Postgresql database.

I am confident that my knowledge will be useful in the development of Measures for Justice's new web application. I am also certain that my passion for Measures for Justice's mission and my ability to work effectively and constructively with others will be a great asset to the team. This opportunity is a great chance for me to bring both my education and passion to the table, as well as expand on them.

Thank you for your time and consideration. I look forward to discussing this opportunity with you in greater detail. I can make myself available to talk at your soonest convenience. Please do not hesitate to reach out if there are further questions about my background.

Sincerely,
Phil Ganem