

ROSS GILMAN

rossgilman402@gmail.com | 516.532.3732 | GitHub: rossgilman402 | www.linkedin.com/in/gilmanross
| <https://www.rossgilman.com> |

EDUCATION

University of Wisconsin-Madison, WI
BS, Computer Science Degree
GPA: 3.16/4.0

2019 – 2023

RELATED SKILLS & EXPERIENCE

- Programming Languages: Java | Python | HTML | CSS
- Operating Systems: Unix | Linux | Windows
- Programming Software: Apache Kafka | Maven | Jira | VSCode | Git | PyCharm | Microsoft

Computer Science Coursework, Madison, WI

2019 – 2023

- Demonstrated a strong understanding of computer science and programming fundamentals, encompassing functional design, object-oriented programming, and abstraction of data types
- Utilized various algorithms such as binary search trees, hash tables, and graphs in practical applications
- Collaborated effectively with teammates on coding and programming projects, gaining hands-on experience in roles such as front-end developer, back-end developer, data wrangler, and test engineer
- Employed Java to develop efficient software for real-life scenarios, conducting tests and refactoring to adhere to the best coding practices
- Designed and implemented code for managing, searching, sorting, and visualizing extensive datasets
- Delivered presentations showcasing projects and effectively communicated technical information regarding the software development lifecycle and change management

ADDITIONAL EXPERIENCE

Relay Network, Philadelphia, PA

May 2022 – July 2022

Software Engineering Intern

- Successfully introduced the Java language into Relay Network's distributed system by executing Request for Comments forms, while incorporating scalable code practices to ensure the system's ability to accommodate future growth and increased demand
- Proficiently managed the agile software development life cycle by conducting scrum-style bi-weekly sprints, actively engaging in ticket grooming, and participating in sprint retrospective reviews
- Skillfully integrated an Apache Kafka KStream by creating a producer and consumer to efficiently handle JSON serialization and deserialization for click and notification events sourced from the Relay feed, primarily for customer billing requirements

Artificial Intelligence Club, Madison, WI

August 2021- May 2023

Study Group Leader

- Held office hour style sessions every week and taught students data structures such as arrays, 2D arrays, 3D arrays, arraylists, and linked lists in Java

Software Engineering Club, Madison, WI

January 2020 – May 2023

Member

- Engaged in innovative projects which encouraged teamwork for topics not covered by the curriculum
- Participated in resume, interview, and software workshops including Machine Learning and AI

The Sands Atlantic Beach, Atlantic Beach, NY

August 2018 – September 2020

Cabana Boy

- Received the *Incentive Award* from upper management for exemplary work and customer service