

ROSS GILMAN

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EDUCATION

University of Wisconsin-Madison, WI
BS, Computer Science degree candidate

2019 – 2023

GPA: 3.16/4.0

RELATED SKILLS & EXPERIENCE

- Programming Languages: Java | Python
- Operating Systems: Unix | Linux | Microsoft

Computer Science Coursework, Madison, WI

2019 – Present

- Demonstrates a strong knowledge of computer science and programming fundamentals including functional design, object-oriented programming and working with abstract data types
- Experienced using algorithms including binary search trees, hash tables, and graphs
- Works effectively with teammates on coding and programming projects; gained hands-on experience as a front-end developer, back-end developer, data wrangler and test engineer
- Utilized Java to develop efficient software for real life applications; performed tests and refactoring on software functionality to support best coding practices
- Designed and implemented code to manage, search, sort and visualize large sets of data
- Presented projects and effectively communicated technical information regarding software development lifecycle and change management

ADDITIONAL EXPERIENCE

Relay Network, Philadelphia, PA

May 2022 – July 2022

Software Engineering Intern

- Established the use of the Java language into Relay Network's distributed system by executing Request for Comments forms
- Navigated the agile software development life cycle by performing scrum style bi-weekly sprints, utilized and groomed tickets, and attended sprint retrospective reviews
- Implemented an Apache Kafka KStream by developing a producer and consumer to serialize and deserialize JSON on click and notification events from the Relay feed for customer billing purposes

Artificial Intelligence Club, Madison, WI

August 2021- Present

Study Group Leader

- Hold office hours style sessions every week
- Teach students data structures such as arrays, 2D arrays, 3D arrays, arraylists, and linked lists in Java

Software Engineering Club, Madison, WI

January 2020 – Present

Member

- Engaged in innovative project which encourage teamwork for topics not covered by the curriculum
- Participate 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
- Provided professional, friendly, and courteous service to 20 families while ensuring all their needs were met
- Worked as part of a team in a fast paced and ever-changing environment; handled food orders, delivery and setup of supplies and managed and reconciled food bills