Rishi Kakkar

(919) 619-7901 | rishikakkar101@gmail.com | www.linkedin.com/in/rishikakkar

Education

Georgia Institute of Technology | Atlanta, GA   *May 2024*
Bachelor of Science in Computer Science With Honors

Georgia Institute of Technology   *Present*

(Part-time) Online Master of Science in Computer Science – Concentration in Interactive Intelligence

Experience

LexisNexis   *May – August 2023, May – August 2021*
Software Engineer Intern   Raleigh, NC
Technologies - Scala, SPARQL, Knowledge Graphs, Postman, Elasticsearch, NeptuneDB, Tableau
- Utilized CI/CD pipeline to create multiple APIs that access Neptune and Elasticsearch databases.
- Engineered AWS Lambda functions to improve robustness for the data science model team.
- Created a data dashboard to help the engineers visualize data from different databases.

Cisco   *May – August 2022*
Software Engineer Intern   Durham, NC
Technologies - C++, Qt, DevOps
- Enhanced the hotdesking feature on Webex Desk Hub and Desk Pro to improve user end-of-session experience.
- Collaborated with the UX team to implement and improve design specifications.
- Strengthened DevOps safety by adding and modifying automation test cases.

IBM   *February – May 2020*
Software Engineer Intern   Durham, NC
Technologies - Python, IBM AccessHub
- Worked alongside Watson AI engineers and data scientists to build Watson services and solve customer issues.
- Automated generation of cybersecurity access reports. Reports assisted in identifying internal access violations.

Patagonia Health   *June – August 2019*
Software Engineer Intern   Cary, NC
Technologies - Python, Elasticsearch, SQL, Postman, Kibana
- Developed software to index patient information based on specific fields using Elasticsearch.
- Enhanced existing scripts for accessing databases and developed scripts to parse log files to aid in serviceability.

Projects

Gameboy Advance Game - Pong | C   *April 2022*
- Utilized Gameboy's DMA to reduce tearing and implemented 2d object collision

Vertically Integrated Project | Python, Pytorch, Numpy   *August 2022 – December 2023*
- Used Machine Learning to triangulate indoor localization of a device using RSSI values from Wi-Fi routers.
- Performed data collection, data preprocessing, model selection, model training, and model evaluation.

Certifications

PCEP - Certified Entry-Level Python Programmer   *December 2020*

Organizations

Club Tennis | Georgia Tech   *August 2020 – Present*
- Gold bracket placed National Club Tennis team.
- Led team to a sectional tournament win.

Skills

Languages: Java, Python, C, C#, C++, Scala, SPARQL, Assembly, Qt
Technologies: Docker, GitHub, MySQL, Virtual Machine, Elasticsearch, NeptuneDB, Postman, Knowledge Graphs
Platforms: macOS, Windows, Linux, IntelliJ, Visual Studio Code, Visual Studio, Eclipse, Atom
Courses: Data Structures, Objects & Design, Systems & Networks, Algorithms, Database Systems, Ethics in Computing, Information Security, UI Design