

Jared Kohrt

6 Fawnwood Ct. • Greensboro, NC 27407 • (336) 908-2364 • jkohrt7@gmail.com

Education

B.S. Computer Science: Furman University, Greenville, SC

(May 2021)

Skills

Methodologies: Statistical analysis and data representation in R and Python (Pandas & Matlab libraries), web development (MERN Stack, R Shiny, Tailwind CSS), Computer Graphics (OpenGL, WebGL, Three.js, Blender), game development (Android Studio, Unity).

Programming: (Proficient) Java, Javascript, CSS, HTML, R; (Familiar) Python, C#, Bash

Experience

Undergraduate Research: Furman University, Greenville, SC

(Summer 2018, 2019, 2020)

- Developed an R Shiny application for the visualization and preliminary analysis of dual-RNA transcript data; presentation at SC ASM 2020 won second place among student researchers.
- Created and benchmarked 32 alternate versions of an existing Python model of HIV infection and immune response resulting in a revised model that was more efficient by 2 orders of magnitude.
- Programmed, deployed, and monitored autonomous recording devices to investigate biodiversity in urban forest areas. Results were compiled and quantified using the R programming language; presented findings at the 2018 SoCon Undergraduate Research Forum (SURF).

IT Service Center Assistant: Furman University, Greenville, SC

(Fall 2019 - Spring 2021)

- Communicated with university students, alumni, and staff to resolve hardware and software issues.

Memberships

Upsilon Pi Epsilon

(Spring 2021 – Present)

Association for Computing Machinery

(Spring 2019 - Present)

Bartram Society

(Fall 2019 – Spring 2021)

Awards and Honors

Furman University Dean's List

(Fall 2017 - Fall 2018)

Winds-Percussion Scholarship

(Fall 2017, Spring 2018)

References

Dr. John Quinn: Professor, Department of Biology

Dr. Andrea Tartaro: Associate Professor of Computer Science, Department of Biology, Furman University

Tracy Landrith: IT Service Center Specialist, Furman University