

RITHIK KULKARNI

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EDUCATION

B.S. Computer Science, AI Concentration – NC State University | Raleigh, NC *Aug 2022 – May 2026*

- University Honors Program, Dean's list, GPA: 3.78/4.0

RELEVANT COURSES

Artificial Intelligence I, Automated Learning & Data Analysis, Introductory Data Science, Software Engineering, C/Software Tools, Operating Systems, Data Structures/Algorithms, Software Dev Fundamentals

EXPERIENCE

Data Analytics Intern – Axtra3D | Charlotte, NC *May - Jul 2024*

- Performed 3D printing processes and material benchmarking for customers
- Executed data analysis to enhance marketing strategies for Axtra3D's flagship Lumia X1 printer

Software Development Intern – Syntelli Solutions | Charlotte, NC *Apr - May 2022*

- Designed and developed a software application from the idea stage to prototype
- Presented the project plan and progress to the lead VP and CTO during design reviews

Research Intern – 3D Systems | Charlotte, NC *Jun - Jul 2021*

- Researched a process for customized 3D-printed finger casts using 3D scanning and 3D printing
- Performed cost analysis, design iterations, and tested a scan-to-print process.

Research Intern – 3D Systems | Charlotte, NC *Jun - Jul 2019*

- Researched & documented a comprehensive 'state-of-the-solutions' report for the bioprinting team
- Structured and presented the report to address specific questions for the research team

RELEVANT PROJECTS

CoffeeMaker *Jan - Apr 2023*

- Designed and developed a full-stack web application as part of a team of developers that emulates embedded software for coffeemaker machines
- Used MySQL database, AngularJS framework for front-end, and Java for back-end/REST API creation

IT Ticket System *Apr 2022*

- Developed a Java system to manage help-request tickets for groups
- Implemented inheritance/polymorphism relationships and utilized several linear data structures
- Designed & developed data organization tools to enhance system performance

Job Hiring System *May 2022*

- Developed a Java hiring system to import and manage job positions and their applications
- Implemented file I/O and the finite state machine model to maintain applications and their progress

TECHNICAL SKILLS

Fundamentals: Full-Stack Product Management & Development, AI Logic & Search Techniques

Languages/Skills: Development in Java and C, Problem Solving & Critical Thinking

Tools/Frameworks: OOP (Java), JUnit Testing Framework, VS & Eclipse IDE, MS Office

HOBBIES & EXTRACURRICULARS

President – Model United Nations at NC State | Raleigh, NC *Aug 2023 - Present*

- Mentored aspiring diplomats and led university travel team at competitive conferences nationwide
- Facilitated and negotiated a partnership with the Carolina International Relations Association

Creator & Performer – RK Piano | Raleigh, NC *Jan 2023 - Present*

- Analyzed popular trends, identified content gaps, and adapted to user feedback to reach over 1 million aggregate viewers creating instructional piano content

Competitor – Chess Team at NC State *Aug 2022 - May 2023*