

# ATHULYA GANESH

513-884-9602 | LNUAS@mail.uc.edu | github.com/athulyaganesh  
linkedin.com/in/athulya-ganesh | athulyaganesh.com

## EDUCATION

<b>University of Cincinnati</b>	Cincinnati, OH
<i>Masters of Engineering in Computer Science</i>	GPA: 4.0 / 4.0
▪ Expected Graduation:	August 2024
<i>Bachelor of Science in Computer Science</i>	GPA: 3.9 / 4.0
▪ Expected Graduation:	May 2024

## EMPLOYMENT EXPERIENCE

<b>Nokia</b>	<b>Westford, MA</b>
<i>Software Engineer Intern (5G Team)</i>	May 2023 – August 2023
▪ Designed Ethernet OAM feature in C++, Docker with 80% accuracy, showing coding and debugging expertise	
▪ Streamlined 100+ testbench files, reducing technical debt, evidencing deep quality assurance knowledge	
▪ Boosted testing efficiency by 9% via teamwork, optimizing workflows, demonstrating resilience and innovation	
<b>FOX Sports</b>	<b>Cincinnati, OH</b>
<i>Software Development Intern (Application Development Team)</i>	May 2022 – August 2022
▪ Contributed to World Cup development and debugging in React, HTML/CSS, enhancing feature readiness	
▪ Improved UI for 20+ pages with JSON-based tests, boosting user experience and application interface quality	
▪ Led standups as interim project manager, driving project success, showcasing leadership and collaboration skills	
<b>Infinera</b>	<b>San Jose, CA</b>
<i>Software Engineering Intern</i>	August 2021 – December 2021
▪ Developed an API for ASIC chip health checks showcasing Python proficiency and commitment to quality	
▪ Built a JavaScript, HTML/CSS dashboard for API results, demonstrating web development and monitoring skills	
▪ Documented API development, enhancing team communication and collaboration	
<b>i-CDCU Lab</b>	<b>Cincinnati, OH</b>
<i>Web Development Intern</i>	January 2021 – April 2021
▪ Created a JavaScript, Bootstrap, HTML platform for project file management, demonstrating strong coding skills	
▪ Redesigned login/signup pages with SQLite for security and UX showing QA methodology grip and user focus	
▪ Engaged with stakeholders to refine needs, proving effectiveness in fast-paced, innovative work environments	
<b>MEMs and Autonomous Integrated Microsystems Laboratory</b>	<b>Cincinnati, OH</b>
<i>Part-Time Student Research Worker</i>	January 2023 – Present
▪ Developed a ReactJS, Chart.js web app, highlighting modern web framework expertise and innovative thinking	
▪ Optimized Linux OS on Raspberry Pi, reducing current draw by 23.6%, showing system efficiency skills	
▪ Improved 3D printing and inventory documentation reflecting resilience and market impact potential	

## TECHNICAL SKILLS

- **Programming Languages:** C++, Python (Flask, Django), JavaScript (NodeJS, ReactJS, NextJS), HTML/CSS
- **Database:** SQLite, MongoDB, Firebase
- **Tools/Frameworks/OS:** Docker, AWS, Azure, Git, Linux OS, ASP.NET
- **Certifications:** Microsoft AZ-900 Cloud Certificate

## PROJECT EXPERIENCE

<b>LeetTrack at HackHarvard Hackathon</b>	October 2023 - Present
▪ Implementing an organized Leetcode practice tracker web application using React, JavaScript, and Firebase	
<b>Alterna-Canvas</b>	December 2023
▪ Ideated and created a gamified alternative to the University of Cincinnati's LMS using React, HTML/CSS and Yarn	
<b>CEAS Tribunal Event Management Website</b>	May 2023 - Present
▪ Guided feature development with React while mentoring junior developers for an event sign-up web application	
<b>AthuNotes</b>	April 2023
▪ Developed a notes application using the MERN (MongoDB, Express.js, React, Node.js) stack	

## LEADERSHIP EXPERIENCE

- **Resident Advisor, University of Cincinnati** August 2022 - Present

## HONORS

- **Dean's List, University of Cincinnati** August 2019 - Present
- **Scholarships, University of Cincinnati**
  - University of Cincinnati International Outreach and Global Scholar August 2019 - Present