

ADITI THANEKAR

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EDUCATION

University of California, Riverside - **Computer Science Bachelor of Science(June 2025) + Masters of Science(2026)**

EXPERIENCE

CS010C Intro to Data Structures and Algorithms Grader

April 2023 - Present

(github.com/aditithanekar/Canvas-LMS-Web-Scraper)

- Managed gradebook for 250+ students across 3 sections
- Held in-person demo hours 3 times a week, alongside Professor to assess student's understanding of the code and help
- Graded C++ code quality to judge the strengths and weaknesses of students' code
- Developed Python program to map students' scores to gradebook and generate an export file for Canvas

PROJECTS

Hackathon Website - ACM Software Development Team

July 2023- Present

(github.com/acm-ucr/hackathon-website)

- I expanded the functionality and front end for a NextJS and TailwindCSS website to be repurposed for hackathons
- Worked with 15+ team members in a GitHub repo with a continuous integration workflow, and weekly meetings

Personal Portfolio Website (aditithanekar.github.io)

June 2021 - Present

- I planned and designed all the scalable vector graphic assets in Adobe Illustrator and created a wireframe in Figma
- Constructed the website using HTML, CSS, with GSAP animations and hover effects, hosted through GitHub Pages

My Favorite Story(a role-play game) (github.com/aditithanekar/My-Favorite-Story)

June 2023

- I implemented classes, tests, backend, and frontend of game in C++, debugging using Valgrind and GoogleTest
- I hosted scrum meetings, completed sprints each week, and delegated tasks on a Kanban board with a team of 4

Cutie Hack - "Cutie Saves The World"

November 2022

- Designed assets and backgrounds with PixilArt, and implemented player menu in C# and Unity for a platformer game
- I collaborated with a team of 4 others, and we were awarded 2nd Place Overall

RESEARCH

Creative ECEs: 2022 UCLA-UCR Design Contest

November 2022

- Co-authored "A LiDAR-Based Navigation System for Future Transportation Systems"
- Partnered with another student and PhD candidate advisor, and we presented at symposium, awarded 3rd Place Paper

Bioinformatic Researcher; Aspiring Scholars Directed Research Program

June 2021 - November 2021

- Implemented a program to normalize data and order by p-value to find significantly expressed genes in R
- Created dot plots and gene-set enrichment maps, and found a pattern in change in taste perception phenotype
- Led meetings alongside an advisor to interpret plot data and debug code
- Presented at Global Alliance for Genomics and Health 9th Plenary Meeting and SCCUR

LEADERSHIP EXPERIENCE

Girls Who Code Club President, Main Hackathon Organizer, Washington High School

September 2020 - June 2022

- Created lesson plans and taught web development meetings to over 25 members using HTML, CSS and Figma
- Organized and emceed a school-wide hackathon for online(2021) and in-person(2022) and mentored groups

Wind Ensemble Percussion Section Leader/Marching Band Drum Captain, Washington High School

2018 - 2022

PROFESSIONAL AFFILIATIONS AND INVOLVEMENT - UC Riverside

Association for Computing Machinery(ACM), Society of Women Engineers(SWE), UCR Salsa Club

TECHNICAL SKILLS

Software and Tools: Adobe Illustrator, RStudio, Figma, Github, VSCode, GoogleTest, SolidWorks(CAD), LC3, Matlab

Languages: C++, Python, Java, R, HTML, CSS