

ADITI THANEKAR

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EDUCATION

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

Relevant Coursework: Data Structures and Algorithms, Software Construction, Engineering Graphics and Design, Linear Algebra

TECHNICAL SKILLS

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

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

EXPERIENCE

CS010C Intro to Data Structures and Algorithms Grader

April 2023 - Present

(<https://github.com/aditithanekar/Canvas-LMS-Web-Scraper>)

- Manages 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
- Grades 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

Personal Portfolio Website (aditithanekar.github.io)

June 2021 - Present

- Planned and designed all vector graphic assets and wireframe in Figma and Adobe Illustrator
- Constructed using HTML, CSS, with GSAP animations and hover effects, hosted through Github Pages

My Favorite Story(a role-play game)

June 2023

(<https://github.com/aditithanekar/My-Favorite-Story>)

- Implemented classes, tests, backend, and frontend of game in C++, debugging using Valgrind and GoogleTest
- Hosted scrum meetings, 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 using PixilArt, and implemented functionality for player menu in C# and Unity
- Collaborated with a team of 4 others, and 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, 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
- 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