James (Jimmy) Andrews

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EDUCATION

Colorado College | 3.90/4.00 GPA | Cum Laude   **Graduated May 2025**
Bachelor of Arts in Computer Science with Distinction   Colorado Springs, CO
Minor in Math

SKILLS

Languages: Python, Typescript/JavaScript, Java, SQL, C, HTML, CSS
Libraries & Frameworks: React, Spring Boot, Flask, Express, Node, Tailwind, NumPy, REST API
Tools & Methodologies: Git/Github, Docker, AWS EC2, MySQL, PostgreSQL, MongoDB, Jira, Agile, Cursor

RELEVANT WORK EXPERIENCE

Colorado College   **January 2025 - May 2025**
Undergraduate Research Assistant   Colorado Springs, CO
- Scraped 250+ active robot webpages using Playwright to support research on gendered language in robotics
- Developed a Python program to aggregate gendered pronoun data using LingMess for coreference resolution

Colorado College   **August 2024 - May 2025**
Computer Science Grader   *Colorado Springs, CO*
- Assessed coding assignments against learning objectives for an introductory CS course
- Provided constructive feedback offering insights on code correctness and style to 30+ students

T-Mobile   **May 2023 - August 2023**
Project Coordinator - Product and Technology Intern   Overland Park, KS
- Produced daily task reports that contributed to a 50% reduction in overdue production support tickets
- Unblocked 40+ technical employees by assisting them with secure account setup on CyberArk
- Wrote Confluence documentation for reference in resolving common issues for Identity Access Management
- Tracked work for 10+ contractors in Jira to ensure accurate monthly wages

Andrews McMeel Universal   **July 2022 - August 2022**
Software Engineer Intern   Kansas City, MO
- Refactored React button and alert components to improve consistency for GoComic's 5M+ monthly users
- Researched and implemented Prism to mock API responses, facilitating faster frontend development
- Discovered and logged 4 critical bugs in Kenken and Thematik games on the PuzzleSociety website
- Shadowed DevOps to build foundational knowledge of cloud hosting and CI/CD pipeline processes

PROJECTS

Vibesbased | AI-Powered Text-to-Music Recommendation Web App   Website | *GitHub Repo*
React, Typescript, Tailwind CSS, Zustand, Java, Spring Boot, PostegreSQL, Docker, AWS EC2, AWS Route 53, Caddy
- Developed a recommendation pipeline combining OpenAI's, Spotify's, and LastFM's APIs with heuristics
- Designed and implemented an animated music player using Spotify's Web SDK and Framer Motion
- Shipped the fully containerized application to serve 100+ unique users

AFK Tracker | Esports Stat Tracking Platform   *GitHub Repo*
React, Javascript, Tailwind CSS, Python, Flask, MySQL, Azure VM
- Developed a stat tracking platform for the Southern Collegiate Athletic Conference's DIII esports league
- Automated the extraction and display of gameplay data to reduce hours of manual input
- Built stat displays (weekly, monthly, seasonal) and the account/roster management systems end to end
- Led design of the full user interface in Figma

COURSEWORK AND INTERESTS

Relevant Coursework: Data Structures and Algorithms, Software Design, Theory and Practice of Database Management, Natural Language Processing, Optimization and Deep Learning, Computer Organization
Extracurriculars: DIII Varsity Tennis, Student Athlete Advisory Committee
Interests: Full-stack Development, AI/ML, Tennis, Videogames, Drawing, Chess, Ice Hockey