Roger You

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Education

Carnegie Mellon University   *Pittsburgh, PA*
B.S. in Statistics and Machine Learning (GPA: 4.0/4.0)   *Expected May 2027*
Selected past and current coursework: fndmtls of programming (15-112), imperative computation (15-122), concepts of math (21-127)

Experience

Algoverse AI   *Pittsburgh, PA*
Machine Learning Researcher   *Jan 2025 – Present*
- Provided merit-based scholarship to conduct state of the art LLM research
- Conducting domain specific research on LLM safety evaluations, mechanistic interpretability, and detecting RL agent alignment failures
- Mentorship under Kevin Zhu (Berkeley AI Research) and Vasu Sharma (Meta FAIR Research Team)

Instagram   *N/A*
Content Creator (80k+ Followers)   *March 2024 – Present*
- Scaled from 0 to 56k followers in 6 months on Instagram
- 8+ videos at 1+ million views, 25+ million views in total, 4+ Million Accounts Engaged
- Inspired thousands in the tech and startup space to pursue their own ventures

North Carolina State University   *Raleigh, NC*
Research Intern   *January – July 2023*
- Conducted research using statistical analysis on the impact of factors that influence a students' pride in computer science education (creativity, coding, graphic quality, etc.)
- Found significant results through Chi-squared and Kendall Tau-B tests, and thematic analysis; results utilized by NC State intern educators
- STARS Celebration Acceptance (National Science Foundation Research Conference), $750 Stipend and presented insights to symposium (150+ listeners)

Projects

SightBridge App   *February 2025*
- Developed app for the visually impaired using OpenCV and YOLOv13 to provided guided audio navigation and collision detection
- Integrated React Native, OpenAI API, Google Directions API, and Cartesia API to create a full-stack application

Better Word Hunt   *December 2024*
- Built a Word Hunt Game Pigeon clone with Python, utilizing recursive backtracking to create a random board generator and board solver
- Added additional features including an interactive UI, persistent scoreboard, custom board size, hints, and solution animation

Meditite Web App   *October 2024*
- Developed Meditite, a personalized meditation app using React.js, to provide tailored audio experiences based on user input (speed, mood, and emotion)
- Integrated OpenAI API and Cartesia to generate dynamic meditation audio based on user input, improving user engagement with customized and soothing content

Languages and Interests

Languages & Technologies: C, Python, HTML/CSS/Javascript, PostgreSQL

Other Interests: Content creation (solo.to/rogeru), meditation and journaling, writing, basketball