Angelo Dela Fuente

908-334-1320 | angelodelafuente04@gmail.com | https://www.linkedin.com/in/angelo-dela-fuente-50b500253/
github.com/1337haxorguy | https://angelodelafuente.github.io

EDUCATION

Rutgers University New Brunswick, NJ
B.S. in Computer Science, Minor in Cognitive Science, GPA: 3.75/4.00 *Sept. 2022 – May 2026*
Relevant Coursework:
Introduction to Computer Science, Data Structures, Computer Architecture, Systems Programming, Software Methodology, Data 101, Calculus I, II, Discrete Structures I, II, Introduction to Linear Algebra

PROJECTS

iPhone Barcode Scanner | *Xcode, Swift* June 2024 – July 2024
- Developed an iOS application using Xcode and Swift to scan barcodes, leveraging Apple VisionKit technology for efficient and accurate barcode recognition.
- Implemented a user-friendly interface with SwiftUI, managing camera access and handling real-time scanning feedback to enhance user experience.

Custom Shell Implementation | *C* March 2024 – April 2024
- Developed a command-line shell with commands (cd, exit, pwd) and support for external command execution.
- Implemented input/output redirection, command piping, and globbing for enhanced functionality.
- Managed command tokenization, state persistence, and interactive and batch modes for robust shell operations.

Monopoly Recreation | *HTML, CSS, JavaScript, React* July 2023 - September 2023
- Developed a Monopoly-inspired board game using React.js, showcasing proficiency in front-end web development.
- Utilized state management skills by employing React's state and props to control game flow, manage player data, and dynamically update the user interface based on player actions and events.

EXPERIENCE

Software Engineering Fellow July 2024 – Sept. 2024
Headstarter AI *Remote*
- Building 5+ apps using NextJS, OpenAI, Pinecone and StripeAPI
- Developing projects from design to deployment leading 4+ engineering fellows using MVC design patterns
- Coached by Amazon, Bloomberg, and Capital One engineers on Agile, CI/CD, Git and microservice platforms.

Arcade Staff May 2024 – Present
Branchburg Sports Complex *Branchburg, NJ*
- Assisting customers with arcade games and providing customer service to enhance their experience.
- Maintaining and troubleshooting arcade machines to ensure smooth operation and minimize downtime.
- Handling cash transactions and managing inventory to keep the arcade area well-stocked and organized.

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, JavaScript, HTML/CSS, Swift, R
Frameworks: React, Node.js, Express.js, JavaSwing
Developer Tools: Git, Docker, XCode, VS Code, Visual Studio, dotenv, AWS EC2, RStudio

CLUBS

Rutgers University Mobile App Development New Brunswick, NJ
External Relations Committee Chair *May 2024 – Present*
- Participate in weekly meetings to plan and host events for general members.
- Collaborate with peers to develop strategies for improving member engagement and outreach.
- Organize events and workshops to support the learning and professional development of members.

Habitat for Humanity New Brunswick, NJ
General Member *Sept. 2023 – Present*
- Engage in community service activities, including building and renovating homes for those in need.

Space Technology Association at Rutgers New Brunswick, NJ
Weather Balloon Team Member *Sept. 2022 – May 2023*
- Collaborated with a team to design, build, and launch a weather balloon equipped with sensors to collect data on temperature, humidity, and geographic coordinates.
- Participated in team meetings to discuss project progress, troubleshoot issues, and plan future improvements and launches.