

# Nicholas Mantini

*Senior, Texas A&M, Industrial and Systems Engineering*

## EDUCATION

**Texas A&M University, 2022-Present, BS Industrial and Systems Engineering, Math Minor**

- In progress for bachelor's in Industrial and Systems Engineering
- Pursuing minor in math
- Interests in human-computer interactions, biomedical and digital-twin technology

**Arts et Métiers - École Nationale, Summer 2024, Manufacturing Processes**

- Attended semester abroad program in France at ENSAM University
- Studied additive manufacturing, casting processes, material sciences

## WORK EXPERIENCE

**Show Technology Productions May 2023 – May 2024** *Productions Assistant*

- Optimized show logistics and exhibitor support
- Enhanced customer experience through employing digital venue ticketing

**Postal Plus - Baur Services January 2023 – May 2023** *Mail Services*

- Receiving, handling, and processing incoming shipments from post office and mail carriers
- Customer service and register transactions

## TECHNICAL PROJECTS

- **Skills:** Swift, Python, full stack development, cloud services (AWS, Azure), Simio modeling

### Published iOS Apps:

**SplitGPT:** Developed an AI-powered fitness application using Python and OpenAI API. Focused on Human-Systems Integration to optimize user behavioral outputs.

**YourBarPass:** Optimizes nightlife operations by streamlining entry processes, providing real-time venue capacity data, and implementing dynamic pricing to enhance operational efficiency and user experience.

**Self-titled:** A social networking app enabling users to share and explore personal, unfiltered content. Utilized Swift and full stack development for features like sharing, following, commenting, and a curating unique feed.



Portfolio site: <https://nickmantini.com> Github: <https://github.com/NMan1>

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