

Gianna Mastrandrea

PROFILE

Creative and motivated Senior at North Carolina State University majoring in Computer Science with a minor in Art and Design. Quick learner with a strong academic record and broad technical skills in developing and deploying desktop, web, and game applications. Committed to expanding knowledge and contributing experience in an engaging environment.

EDUCATION

North Carolina State University (NCSU), Raleigh, NC, 2018-2022
B.S. Computer Science/Art and Design Minor

EXPERIENCE

Website Developer

Food Systems Leadership Institute, NCSU, June 2021 - Present

- Update frontend of WordPress website working with HTML and CSS
- Coordinate with program specialist to refine UI and improve user experience

Senior Design Project

NCSU, January 2022 - Present

- Design and develop responsive frontend using Figma, React, and MUI
- Utilize GitHub and Docker for code management and deployment
- Lead weekly team status meetings with sponsors
- Create and maintain project guides and documentation

Elementary Stem Journal Illustrator

Graphic Illustrator (volumes 23-24), February 2019 – February 2020

- Created artwork for covers, scenes, and activities using Illustrator and Photoshop within deadlines

Animatronic Design Project

First-Year Engineering Design Day Final Project (FEDD), November 2018

- Designed and implemented an animatronic using Arduino's UNO R3 motherboard, servos, and IDE

GalaxyCon Exhibitor

Raleigh Convention Center, July 2019

- Designed and created artwork for exhibition and sale using Adobe Creative Suite (gmastra.wixsite.com/portfolio/professional-work)

AWARDS AND CERTIFICATIONS

- SOLIDWORKS CSWA Certification (ID: C-AXDCJKSR2W), 2019
- Silver Key Award, Eastern/Central North Carolina Art Region Scholastic Art Awards, 2018

CONTACT

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GRADES

GPA: 3.81

Summa Cum Laude

KEY SKILLS

Platforms:

Windows/Unix

Languages:

JavaScript, Java, C/C++, C#,
Assembly, Python

Design: UML

IDEs: Visual Studio Code,
Eclipse, Unity

Web:

Angular, React, MUI, Flask,
Figma Wireframe, NGINX,
HTML, CSS, REST API

Database:

MySQL, PostgreSQL

Code Management and
Deployment:

GitHub, Docker

Art: Adobe Creative Suite

PORTFOLIO

gmastra.wixsite.com/portfolio