# SKILLS

Python C++ HTML

LaTeX Programming Adobe Illustrator Adobe Photoshop Adobe AfterEffects Adobe inDesign

Bilingual (Spanish/English)

# KNOWLEDGE OF

MatLAB Excel Cinema4D

Blender 3D Software CSS/JavaScript

# VOLUNTEER/ORGANIZATIONS

RISE-2 Research Training CU-Prime Research Training Society of Physics Students Mathematical Physics Club Open Source contributor

SA Food Bank volunteer Habitat for Humanity Neighborhood dog sitter

# OWN PROJECTS/HOBBIES

Educational YouTube channel Physics-based video game Music creation

Digital art creation

# INTERESTS

Boxing Soccer

Skate/snowboarding Art

Netflix Shows Learning/Teaching Space

Video Games Anime and Manga Saving the world

# RESUME

NICHOLAS MOREAU DAVILA

Undergraduate Computational Physics Major with an Entrepreneurship Minor San Antonio, TX [**ndavila@utexas.edu**](mailto:ndavila@utexas.edu)

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# EDUCATION

**University of Colorado Boulder** 2018 - 2019

**University of Texas at San Antonio** 2019 - 2020

**University of Texas at Austin** 2020 - Present

**Year:** Junior **Major:** Physics (Computational) **Exp. Grad. Date:** May 2023

# EXPERIENCE

**Texas Undergraduate Research Journal** 2020 - Present

*University of Texas at Austin | Assistant Director of Communications*

* Created new design guidelines/logo and led design team (7) in re-branding
* Created marketing posters/slide-sets and advised in all design creations

**Undergraduate Pancreatic Cancer Research** 01/2020 - 06/2020

*University of Texas at San Antonio | Research Assistant*

* Conducted research on biophysical properties of pancreas samples
* Completed any and all assigned projects in order to assist graduate advisor with the computational modeling of plasmonic heating as a treatment planning tool for pancreatic cancer
* Modeled data gathered into useful formats for advisors/team

**Freelance Graphic Designer/Digital Artist** 2019 - Present

* Managed all administrative, strategic, and financial functions of small freelance operation
* Coordinated closely with clients to create digital media, develop designs, and consistently meet all deadlines and requirements

**Web Accessibility Developer** 2018 - 2019

*University of Colorado Boulder Honors Program*

* Using HTML/CSS I designed and developed the CU student newspaper and website to be accessible to those with disabilities
* Evaluated all digital media for potential accessibility barriers and fixed any errors that arose
* Taught design team (4 people) about basic HTML and CSS skills

**Graphic Designer** 2018 - 2019

*University of Colorado Boulder Honors Program | Design Team Leader*

* Developed templates and designs for the honors program newsletter
* Oversaw process of publishing honors newsletter
* Re-designed Honors website which resulted in 300% viewership increase
* Created any digital media needed by honors staff and organizations
* Created official honors program brochure
* Trained over 3 staff member in basic user-interface design