JOSHUA

RODRIGUEZ

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ACADEMICS

Embry-Riddle Aeronautical University | 2016-2020 (anticipated)

BS Software Engineering
BS Unmanned Aircraft Systems
GPA 3.96

RELEVANT COURSEWORK

Computer Science 1 & 2

Learning and understanding programming practices in C and C++.

Calculus 1,2 & 3

Differntial, Integral and Vector Calculus

Discrete Structures

An introduction to set theroy, graph theroy, order theroy, and group theroy.

Software Engineering Practices

Fundamental principles and methodologies of large-scale software development.

Intro to ArcGIS

ArcGIS Mapping, Table Management and Querying with MySQL and Python.

WORK AND EXPERIENCES

ERAU Horizons Newspaper, Graphic artist | 2016 - Present

Advised a proposed creation of a University Magazine with cover and interior mockups, and a unique display font. Created requested graphics in vectors for articles.

Freelance Graphic Design | 2015 - Present

Worked closely with clients to discuss, create, and revise vector graphics, logos, fonts and/or typography.

Steam Team, Sculpture Design/Construction Lead | 2014 - 2016

Work with a small team to design and present multiple public art sclptures toward public art committee and design review board. Created graphics and logos for promotion and branding of the group. Lead construction group for the fabrication of said sculptures.

SKILLS

Problem Solving
Agile Software Dev
Databases
Plugin Creation
Graphic Design
Vector Drawing
Vector Animation

Python
Adobe Creative Suite
C
C++
Go
HTML
CSS
JS
VHDL
ArcGIS
MySQL
MongoDB
Unity
Microsoft Office