

BENJAMIN VELLANIKARAN

- PURDUE UNIVERSITY
- BS - DATA VISUALIZATION AND ANIMATION
- GRADUATING 2022

OBJECTIVE

Junior at Purdue University in the School of Computer Graphics and Technology, majoring in Data Visualization and Animation. Seeking an internship that leverages my skills and knowledge to gain practical experience in the field.

REFERENCES

EMILY STEARNS

Program Manager, EWDC
ewdc@horsecouncil.org

NEISHA BARRETT

Briarlake Baptist Church
n-barrett@briarlakechurch.org

CONTACT

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EXPERIENCE

DATA VISUALIZATION DEVELOPER (EWDC)

06/20 - 07/20

EWDC is a group of agencies working together to collect national data on equine welfare. They provide analyses and reports on the data to enhance programming for transitioning and at-risk equines.

- Performed analysis of the data that was collected and produced visualizations and infographics for the various metrics to be included in the reports
 - Utilized tools such as Tableau, Adobe Illustrator, MS Excel etc.
- Called and persuaded equine organizations to participate in the research initiative by explaining the benefits of the program.

GRAPHIC DESIGN FOR SERMON SERIES AT MY CHURCH

06/19 - PRESENT

- Design and produce all media materials for the Church sermon series, which includes about 10-15 different collateral cuts of various sizes and formats for weekly pamphlets, service projection slides, billboard displays, website content, and social media posts, as well as logo designs and concepts
- Involves coordinating with the Pastor and other church support staff to select images and get approval of text and graphics
- Primary tool used: Adobe Photoshop.

PR/MARKETING CHAIR FOR FRATERNITY (BETA CHI THETA)

05/19 - 12/19

- Voted "Officer of the Year" during my tenure at the office.
- Chapter was voted "Fraternity Chapter of the Year" and one of the key reasons cited was improved social media presence and quality of content
- Introduced new and innovative ideas to improve social media content and visual appeal by creating a new logo, adding story highlights and different types of posts/outreach, etc.
- Produced all marketing and promotional materials for the fraternity on various social media, including flyers, tickets, shirt designs, and event videos. Posted to social media (Instagram, Facebook, etc.) about events such as birthdays, chapter commemorations, holidays, graduations, etc.
- Primary tools used: Adobe Photoshop/Illustrator

SKILLS

GRAPHICS DESIGN TOOLS

- Tableau
- Paraview
- Adobe Photoshop/Illustrator/After Effects
- Autodesk Maya

RELEVANT COURSEWORK

- Scientific Data Visualization
- Digital Lighting and Rendering for Computer Animation
- Fundamentals of Imaging Technology
- Geometric Modeling for Visualization and Communication
- Internet Foundations Technologies and Development
- Foundations of Computer Graphics Technology
- Design Thinking in Technology
- Principles of UX Design

PROGRAMMING LANGUAGES USED

- Java
- C++

LEADERSHIP AND SERVICE

SERVICE LEADERSHIP BOARD

Member of the service leadership board, which was responsible for coordinating all the student efforts for volunteer work at the school.

I was specifically in charge of leading the Habitat for Humanity build efforts by raising awareness, encouraging volunteers, raising funds, and coordinating the work for the organization.