

MARIE CHANTAL T. TAN



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Owings Mills, MD

EDUCATION

University of Maryland, Baltimore County (UMBC)
Bachelor of Arts in Business Tech Administration

2017 — 2021

DESIGN TOOLS

- Adobe Creative Cloud
- Microsoft Office
- Figma
- Miro
- Huion HS611 Tablet

DESIGNING

- Dashboards
- Websites
- Printables
- Brand Identity
- Graphics

CODING

- C/C#/C++
- Python
- R
- HTML/CSS/JS
- Google APIs

DEVTOOLS

- Unity
- RStudio
- GitHub
- Linux
- Microsoft HoloLens

PROFESSIONAL EXPERIENCE

Web Designer & Editor — Institute of Notre Dame Alumni Association

March 2020 — present

NeonCRM API, Google Analytics API, HTML/CSS/JS

- Collect alumni info via NeonCRM to collect donations and send newsletters
- Built the association's first site, which includes Google Analytics API to monitor the site's SEO
- Archive information about the Institute of Notre Dame from various online sources

Marketing Designer & Document Editor — Today's Home Care

December 2019 — present

Microsoft Office, Adobe Creative Cloud

- Create medical forms for clients and caregivers
- Create organizational documents (policies, procedures, handbooks, etc.)
- Design the website, fliers, business cards, etc. for advertising

Web Developer & Designer — Women's Law Center of Maryland

September 2019

Google Translation API, HTML/CSS/JS

- Built a multilingual tool using the Google Translation API to translate every webpage
- Restructured the site so that information is more accessible on both web and mobile platforms
- Collaborated with a team of five other professional designers and developers

Marketing Designer & Document Editor — Best of Best HomeCare, Inc.

April 2017 — December 2018

Microsoft Office, Adobe Creative Cloud

- Create medical forms for clients and caregivers
- Create organizational documents (policies, procedures, handbooks, etc.)
- Design the website, fliers, business cards, etc. for advertising

Satellite Software Testing Intern — NASA Goddard Space Flight Center

May 2017 — August 2017

Julia, HDF-EOS (HDF4/HDF5)

- Converted HDF4 files to HDF5 so that the data can be compatible with up-to-date programming libraries
- Engaged with the Julia developer community to learn the then-fairly new programming language
- Remotely collaborated with researchers to scan the data

Software Testing Intern — NASA Jet Propulsion Laboratory

September 2016 — December 2016

Unity

- Curated a list that compared open source devtools for the accuracy of their physics simulations, and determined that Unity was the most optimal software
- Hosted workshops for researchers to demo physics simulations on Unity
- Took seminars on how space data are analyzed through data visualization

COLLABORATIVE PROJECTS

NASA SUITS (Spacesuit User Interface Technologies for Students) Challenge — NASA

December 2020 — February 2021

Microsoft HoloLens 2, Raspberry Pi, NASA Open Data, Miro

Developed a concept software based on the NASA Artemis moon mission. The software should help astronauts conduct extravehicular activities (EVA) with the help of an augmented reality (AR) device.

INDEPENDENT PROJECTS

Craigslist Re-Design Concept

June 2021

Adobe Creative Cloud, Figma, Miro

Re-designed the Craigslist site to have a brand identity and be easier to use. The UI/UX design is based on the principles described in the book "The Design of Everyday Things" by Don Norman.