

# JOHN PATRICK CAMILING VILLALON

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## :: Industrial & Concept Designer

### WORK EXPERIENCE

#### Freelance Concept Designer

Various Clients || Singapore (Remote)  
2020 July — Present

- Designed detailed fantasy landscape environments with props and structures, and realistic science fiction vehicles
- Worked closely with individual clients to develop design briefs and potential design solutions
- Design fictional firearms for a science fiction first person shooter project developed by a group of volunteers
- Produced 2D digital sketches and 3D rendered models
- Used physics-based rendering to generate photorealistic images of fictional spacecraft, vehicles, and celestial bodies

#### Graphic Designer (Part-Time)

Illum Neon & Signcrafts Pte Ltd || Singapore  
2024 June

- Worked closely with company owners to design and draft various wayfinding signs for malls, stores, condominiums, and schools
- Delivered high quality drawings for client presentation

#### Industrial Design Intern

Threshold Design || Melbourne, Australia  
2020 March — 2020 June

- Redesigned an urban space in Victoria, Australia
- Worked closely with Chief Designer to analyse user findings provided by an Australian city council
- Coordinated with the team to create and improve upon the design requirements for the project
- Identified areas to enhance the experience of local residents who reside nearby the planned urban space
- Proposed concepts in forms of sketches and 2D/3D models
- Drafted lighting and seating plans for the space using Rhino3D
- Delivered high quality renders for client presentation

#### Mechanical Engineering R&D Intern

Pirate3D || Singapore  
2015 March — 2015 April

- Worked with senior engineers to optimise the airflow efficiency of the 3D printing machines
- Fabricated and assembled 3D printed tools and parts

### EDUCATION

#### Concept Art Mentorship

Art Train Academy || UK (Online)  
2023 July — 2023 Oct

#### Concept Art Mentorship

Art Train Academy || India (Online)  
2022 April — 2022 June

#### Bachelor of Industrial Design (Honours)

RMIT University || Melbourne  
2016 July — 2020 June

#### Diploma in Mechanical Engineering

Singapore Polytechnic || Singapore  
2013 April — 2016 May

### SKILLS

#### Design

Habitat Design, Graphic Design, Conceptual Vehicle Designs, Entertainment Designs, UI/X Design

#### Multimedia

Adobe Illustrator, Indesign, HitFilm Express

#### 2D Sketching

Adobe Photoshop, Sketchbook Pro

#### 3D Modelling

Autodesk Fusion 360, Plasticity, Blender3D

#### 3D Rendering

OTOY's OctaneRender, Unreal Engine

#### Programming

C++

#### Misc. Software

MS Office Word, Excel, Powerpoint, Google Docs, Sheets, Coggle, Trelby, Miro