

## Data Driven Design

### Profile

Critical Thinking & Problem Solving  
Concept Development & Visualization

Data Science & Applied Machine Learning  
Branding, Strategy & Content Layout  
Graphics, Communication Design

Self organized, agile learner, team player

### Skills

#### 3D Models, Generative & Parametric

Rhino & Grasshopper, Autodesk Fusion

#### Graphic Design & UX design

Adobe Creative Suite

#### Programming, Prototyping and UI design

Python (Pandas, SciKit, Keras, Bs4)

C++ (OpenGL & openframeworks)

JavaScript (P5, 3js, electron)

HTML & CSS

Arduino & Raspberry pi

### Education

Parsons, the New School BFA Design  
& Technology

Sydney University Semester abroad

American School of Milan 3 IB Certificates

### Languages

English ●●●

Italian ●●●

French ●●

## Experience

### Prototyped a lightweight electric snowmobile for technical director at Scuderia Villorba Corse. (Freelance)

10/20 In-depth market research on trends and advancements in personal mobility.  
Created detailed concept cad designs stemming from renderings and sketches.  
06/20 Explored generative design options to prototype new parts and chassis.

### Research and data-driven analysis at US sovereign wealth fund in development phase (NDA protected)

06/20 Developed use case for the application of Machine Learning, IoT and Digital Twin systems for city-scale investment planning.  
Analyzed investment opportunities for real estate development, with an awareness of sustainability and social equity practices.  
02/20 Created detailed, engaging pitch decks for investors, including branding elements with supporting media, adhering to strict timeframes.

### CAD jewelry designer

01/20 Collaborated with high-end jewelry stores, creating pieces for celebrities in entertainment. Sourced a supply chain for manufacturing of custom pieces and 3D modeled a first collection.  
08/19 Developed extensive knowledge in advanced 3D fabrication processes and modeling techniques.

### Assistant, Parsons Making Center

05/19 Managed inventory, sales tracking and research for sustainable materials store.  
Responsible for the distribution, return and maintenance of all items provided to students.  
Supervised advanced fabrication workspaces, including 3D printers. Taught students to use detailing equipment, such as plasma cutters, welding tools, routers and saws.  
10/16

## Extracurricular Activities

### Coursera & Online Audits: 12/20- Present

MIT 6.S191 Deep Learning, Stanford Machine Learning, Harvard GSD 6338 Computational Design

### UNleash, innovation lab in Singapore, United Nations Development Program partner: 06/18

Prototyped a mobile blockchain application for crowdfunded, community-first real estate developed in low income areas in collaboration with Myanmar government officials and banking consultancy firms.