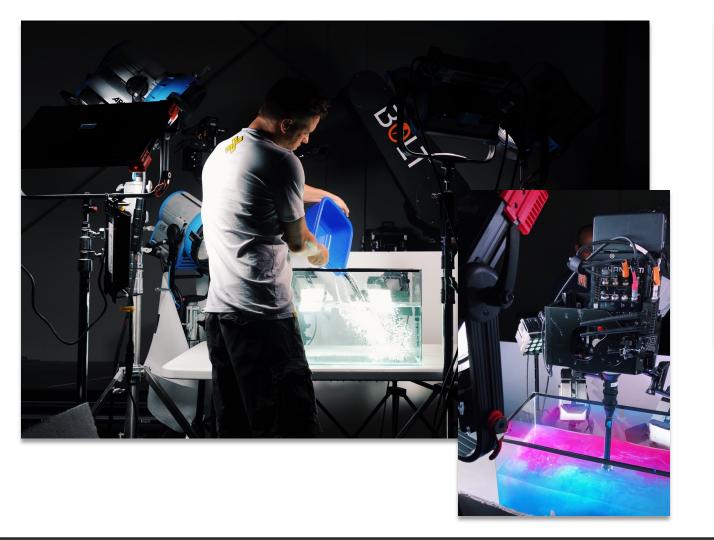
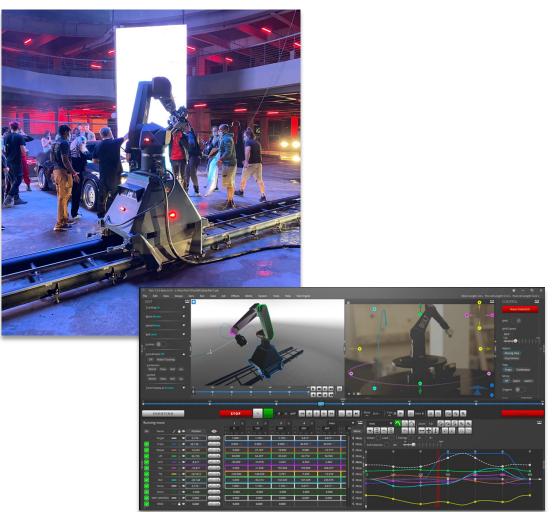
### 778.231.0812 amirhanna.me contact@amirhanna.me

# AMIR PETER HANNA





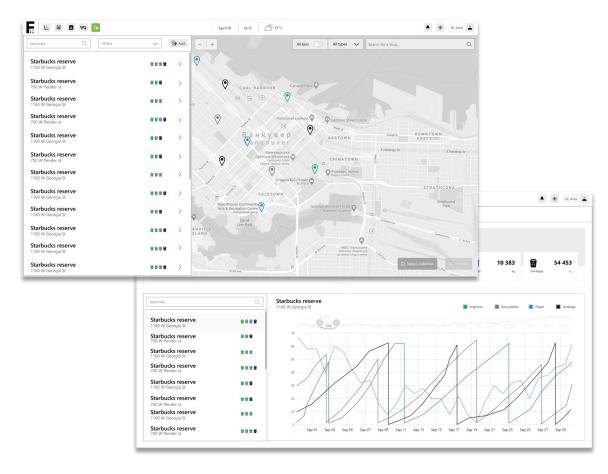


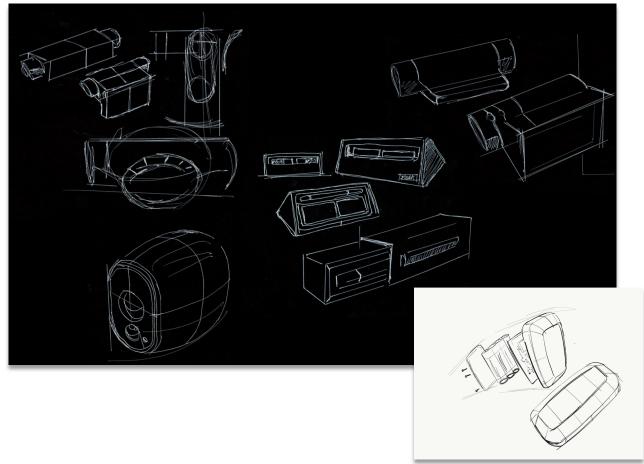


#### **PARALLAX CREATIONS**

Parallax Creations is a media and robotic motion control company that boasts large clients like Mercedes and the city of Dubai

- Used Flair, a motion control software that controls up to 500 axes of motion to operate the
   BOLT<sup>TM</sup>, a 6-axis robotic arm used to capture high-speed camera movements
- Vibration suppression to improve kinematics of Robot arm and minimize maintenance cost
- Lead Engineer for a high-reach Mercedes advertisement using the robot and negotiated other client quotations to maximize revenue

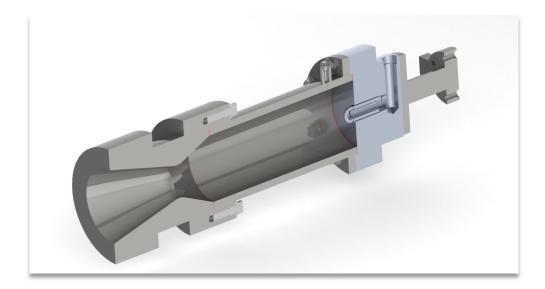




#### **FLORA**

FLORA is a tool that leverages data analytics and machine learning to optimize waste collection in cities or campuses

- o Utilize Microsoft's cloud computing tool, Azure, to leverage machine learning in waste fill levels to maximize efficiency
  - Create wireframes for Dashboard using **Abobe XD** and conducted extensive user testing with operation managers to better functionality and interface
- Publicly presented idea to various stakeholders and received a letter of interest from BC's second largest university to test technology



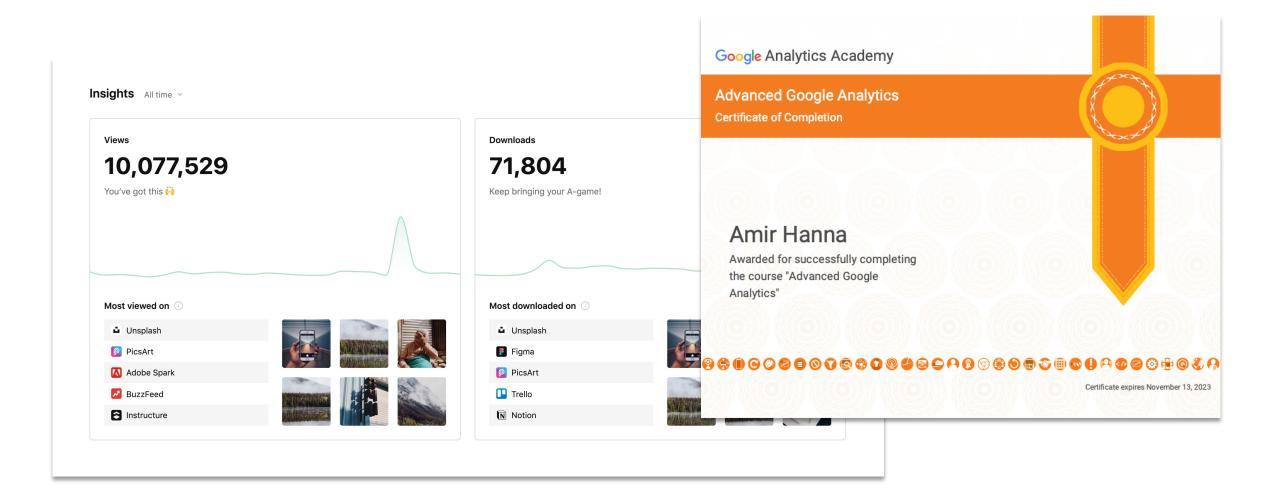




#### **UBC ROCKET**

A student engineering design team at the University of British Columbia dedicated to the design, manufacture, and launch of suborbital rockets. The team are also the winners of the 10,000 feet Commercial Off the Shelf (COTS) category at Spaceport America Cup.

- o Utilize **Solidworks** to create a 3D render of a liquid fuel heat sink engine
  - Manage finances, budgeting, and sponsorships for the largest engineering design team at UBC
- Cycle between avionics, propulsion, and aerodynamics teams and proved robust structural design validated by FEA for construction



#### **UNSPLASH**

Unsplash is a website dedicated to sharing stock photography. A website I contribute to and acquired over 10,000,000 views and 70,000 downloads to date. My work has been freely used by individuals on platforms such as Figma, Notion, Medium, Squarespace, and Prezi.

- Successfully completed the Advanced Google Analytics course and initiated an e-commerce business to sell my artwork
- Manage logistics and fulfillment partnerships to deliver artwork globally and on time
- Finding creative ways to monetize content create business models

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