



UNOOSA PNST Seminar: Ezra Fielding

2nd Year Master of Electrical and Space Systems Engineering Student,
Hanazawa Lab
Kyushu Institute of Technology

Introduction and Background

- Name: Ezra Fielding
- Age: 24
- Home Town: Cape Town, South Africa
- Academic Background:
 - Master of Electrical and Space Systems Engineering at Kyutech (Current)
 - PNST Student
 - Bachelor of Science Honours in Computer Science, UWC 2021
 - Project involved ML applied to Astronomy images
 - Bachelor of Science in Computer Science (3 year degree), UWC 2020
- Passions:
 - Computers (specifically AI and ML)
 - Space (it's just really cool!!!)





SEIC Program

- Will give you the required context to participate in and work on Space Engineering projects
- Highlights of the course:
 - Hands on training at Kyutech's testing facilities
 - Advanced Space Dynamics
 - Vision and Image Recognition
 - Advanced embedded systems
- You will be exposed to a wide range of knowledge areas related to Space Systems Engineering



Kyutech
Kyushu Institute of Technology

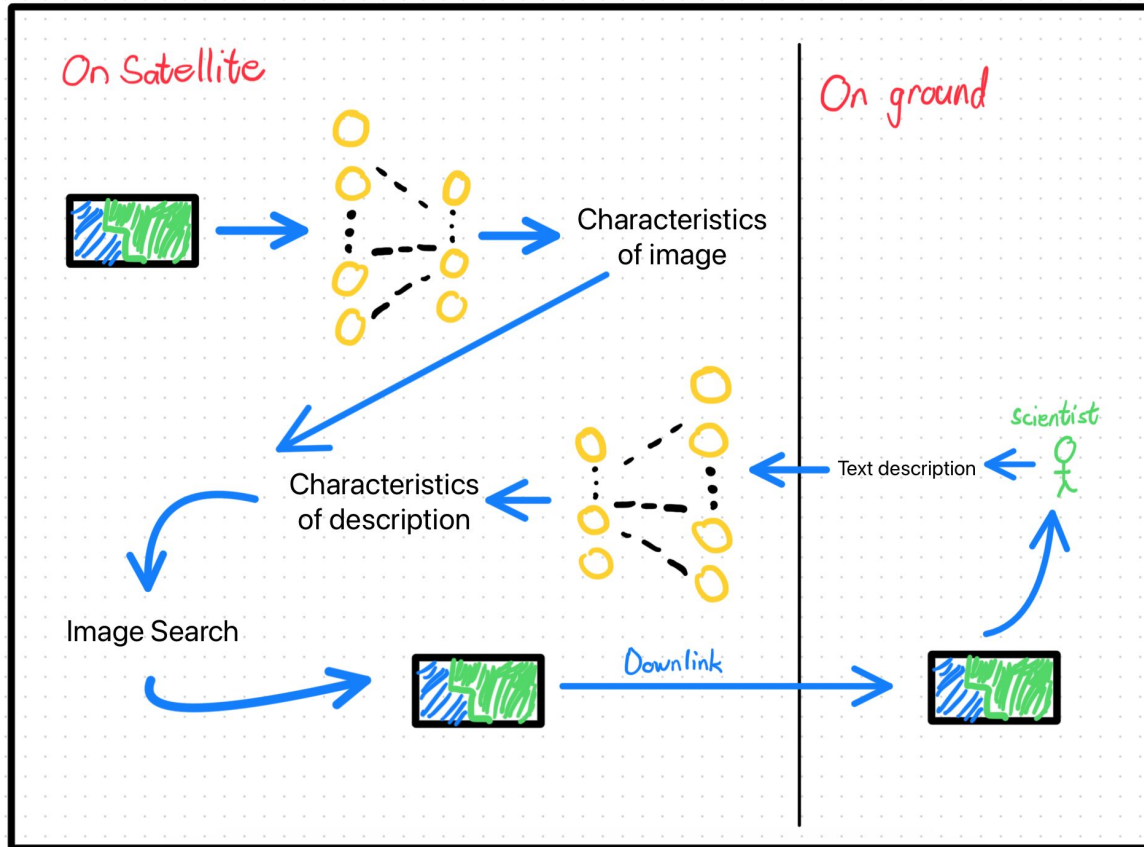




Application Advice

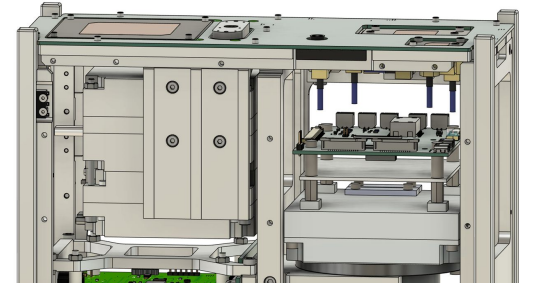
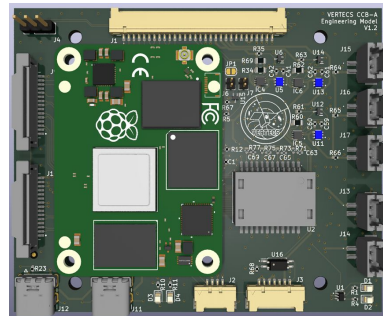
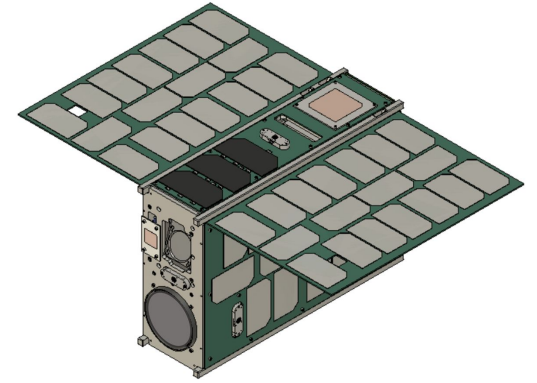
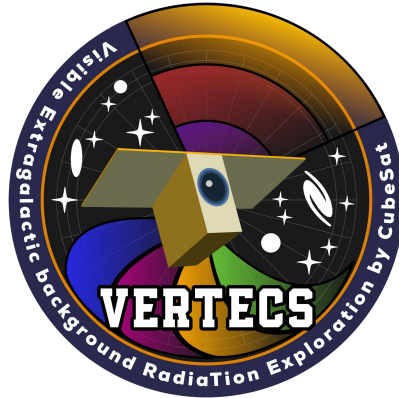
- Show how your background and experience will enable you to complete the course and participate in Kyutech's projects
- Show, don't tell, your passion
- Communicate your hopes and intentions simply and clearly
- You don't have to write a lot, write quality

Thesis Research



Satellite Project

VERTECS (Visible Extragalactic background RadiaTion Exploration by CubeSat) is a 6U astronomical nanosatellite designed to reveal star formation history by observing visible extragalactic background light (EBL).



Life in Japan

