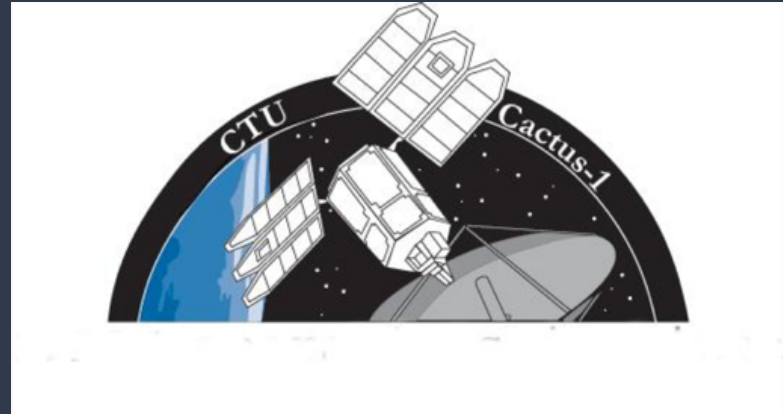


Writing on Cubesats: A Newbie's intro to PicoSatellites

By Jorge Rodriguez and Dr. Alex Antunes



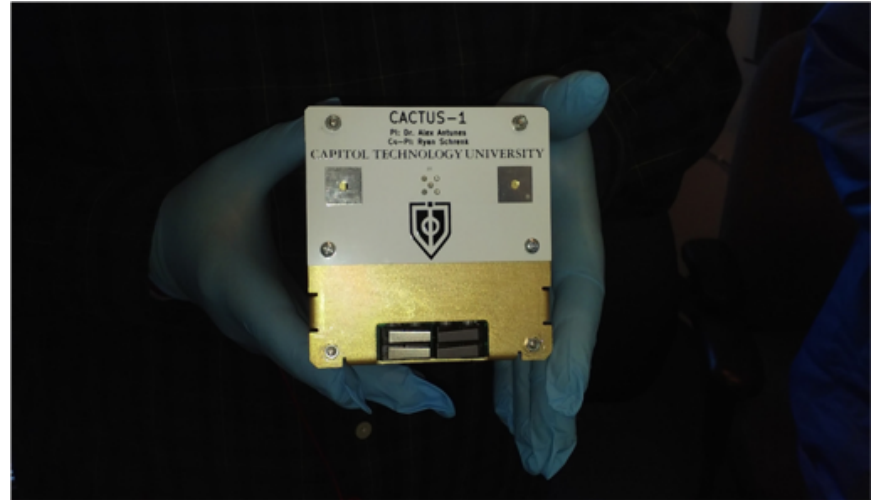
Writing on CubeSats: A Newbie's intro to PicoSatellites

- Jorge Rodriguez of Capitol Technology University
- My mentor is Dr. Alex “Sandy” Antunes, Professor and Cactus-1 CubeSat P.I.



Summary

1. Goal = Make a 'cookbook' on how teams can build a CubeSat
2. Distilled hundreds of pages and interviews down
3. Engineers have surprising passion
4. Technical writing as a career



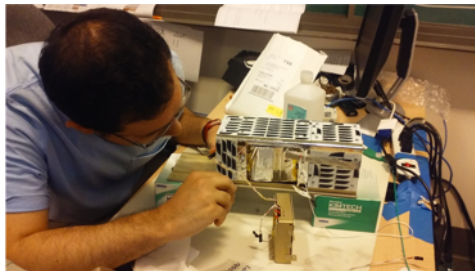
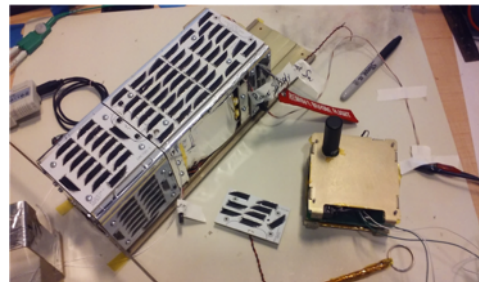
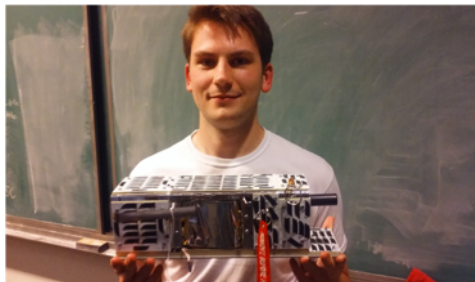
Goal: To create a shareable how-to book

- CubeSat How-to 'CookBook' to release as open source
- So much documentation, interviews, photos
- Budget and time constraints-- and politics!



Accomplishments

- Captured much (not all) successfully
- Overcame writer issues
- Love of technical writing



Challenges I didn't expect

- Time management
- Preparedness
- Confidence, motivation
- Interviewing



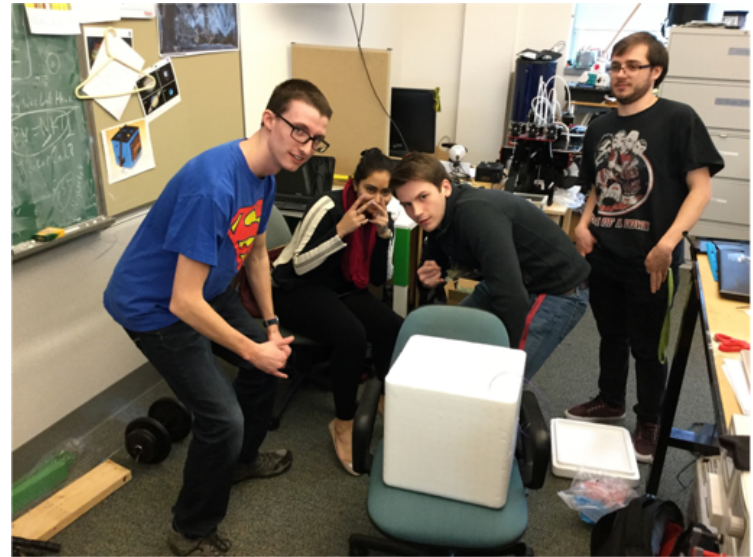
Personal Highlights

- Learned about self-motivation
- Students are driven!



Lessons Learned

- Internal barriers
- Inferiority complex is false
- Ask for help!
- Avoid overthinking
- Take notes!



Conclusion

- Success: I produced a book!
- Learned a lot
- Confirmed my interest
- Book available via Capitol website and at <https://github.com/sandyfreelance>
- Any questions?