runphilrun.github.io
philiplinden
philip-linden
runphilrun

Philip J. Linden

Professional Summary

I am a recent graduate who is passionate about the design and analysis of aviation and space systems, including but not limited to satellites, human spaceflight, spacecraft and aircraft structures, propulsion, mechanisms, imaging, and controls. I am relentlessly curious, a strong visionary, and optomistic about the future of technology and humankind.

Degree

Rochester Institute of Technology, *Rochester, NY* Aug 2012 – May 2017
Bachelor of Science in Mechanical Engineering – Aerospace Option **GPA:** 3.5
Master of Engineering in Mechanical Engineering (Dual Degree) **GPA:** 3.3

Graduate Paper

Cosmic Dawn Intensity Mapper (CDIM) System-Level Design

Contributed to a proposal for a Probe Class ($850M) NASA mission for a 1.5 meter space telescope intended to observe near-infrared light from the early universe.

- Compiled financial, mass, and power budgets for the optics, instruments, cryocooler & spacecraft.
- Defined system-level design, generated representative CAD models and figures for the entire spacecraft.