Alexander Raymond

Results and numbers-oriented Systems Engineer

9930 Westcliff Pkwy
Westminster, CO 80021
(406)493-9028
Alex@raymond.fun
Raymond.fun

EDUCATION

University of Colorado Boulder, Boulder, CO
Astronomy BA, Atmospheric and Oceanic Sciences minor
August 2018 - May 2022

EXPERIENCE

Orion Space Solutions, Arcfield, Louisville, CO
Systems Engineer

December 2024 - Present

- ❖ Lead Systems Engineer for SPECTRE EO/IR program, lead on to the RROCI program.
- ❖ Systems Engineer for CASIDI (Ionospheric All-Sky Imager, NASA), MTIPS (UV Payload Imager, NASA), and MARRVN (Ground Systems Engineering and Support for SpaceRCO, Space Force)

Orion Space Solutions, Arcfield, Louisville, CO
Satellite Operator

February 2024 - December 2024

- ❖ Day-to-day operations of RROCI-2, including data structuring and commanding of the spacecraft.
- ❖ Managed local EDU physically and with software.
- ❖ Training Coordinator for MARRVN IDIQ.
- ❖ Research Technician for IARPA SINTRA.

Omni Hotels, Superior, CO
Technical Supervisor (Encore, and Pinnacle Live)

June 2022 - January 2024

- ❖ Led teams of technical specialists of up to 35 people to deliver world-class events and conferences.
- ❖ Operated and troubleshot specialized equipment to seamlessly give clients events they will remember.
- ❖ Managed scheduling and budgets of clients and companies between $1000-$400,000.

SKILLS

Python, Bash, Linux, MacOS, Windows, WSL

Vectorworks Certification

Government-trained Research Fellow

AWARDS

Distinguished Service Key, Chapter appreciation award, –Alpha Phi Omega

Eagle Scout, –Boy Scouts of America

PROJECTS

Twin Telescope Tracking of Near Earth Objects and Parallax Calculation – 2022

Postcards from Rosie – 2022–2024

Bubble Nebula Expansion Rate Observationally – 2021

3d Visualization of n-body simulations – 2021

Atmospheric Slab Modeling – 2020