

Wyatt George

United States Citizen

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EDUCATION

Masters of Science in Aerospace Engineering – Autonomous Systems Focus

Boulder, CO

University of Colorado Boulder, Boulder, CO

Graduation Date: May 2021

Graduate GPA – 3.625

Bachelor of Science in Aerospace Engineering

Boulder, CO

University of Colorado Boulder, Boulder, CO

Graduation Date: May 2020

Undergraduate GPA – 3.29

Courses include: Microavionics/Electronics, Aerodynamics, Thermodynamics/Heat Transfer, Structures, Propulsion, Analytical Astrodynamics, Statics, Dynamics, Attitude Determination, Statistical Estimation for Dynamical Systems, Robotics and Mechatronics

TECHNICAL SKILLS

-MATLAB	-Autodesk Eagle	-Motion Planning
-Machine Learning	-Soldering	-Neural Networks
-Microcontrollers/Circuits	-Python, C, C++, Assembly	-Monte Carlo Simulation
-Robotics/Mechatronics	-SQL, AWS	-Technical Writing

ENGINEERING AND LEADERSHIP EXPERIENCE

- Electronics Technical Lead for senior design project involving the construction of a robotic arm designed to lift, carry, and deploy a 2-foot rover 2019-2020
- Built custom gamepad and software for Microavionics (Embedded Systems) course using a microcontroller and 3D-printed components Fall 2019
- CFD analysis of NACA airfoil shape for Aerodynamics course Spring 2018
- Structural analysis and modelling of a physical truss using ANSYS FEM software for Structures course Fall 2018
- Analysis of potential uses and effectiveness of silicon optics in space for summer internship at McCarter Inc. Summer 2017
- Software and Electronics Lead for design and construction of high-altitude balloon payload, analyzing bacteria in near-space for freshman projects Spring 2017

EMPLOYMENT AND ADDITIONAL EXPERIENCE

- Electronics assembler and designer for Integrated Remote and In Situ Sensing (IRISS) manufacturing small aircraft for weather research 04/2020-08/2020
- IT assistant working for freelance programmer/app developer creating and configuring databases on AWS using Python and SQL Summer 2019
- IT Analyst Intern during software conversion at Manhattan Life Insurance Company Summer 2018
- Technical Writing Intern, McCarter Machine Inc., a petrochemical and NASA aerospace contractor Summer 2017
- Certified Student Pilot – 20 hours single-engine Summer 2016