John Walker
Moosbrugger   User Experience Designer

EDUCATION

Carnegie Mellon University
BFA - Scenic Design 2019

SKILLS

Adobe Creative Cloud
Sketch
Vectorworks
Autocad
Blender
3ds Max
Unity

Python, JavaScript,
HTML, CSS

UX/UI Design
Service Design
Web Design
Video Editing
2D/3D Animation

AWARDS

NASA PA Space Grant | 2018
Pennsylvania Space Grant Consortium

Dean's List | 2016/17/18
Carnegie Mellon University

Eagle Scout | 2012
Boy Scouts of America

EXPERIENCE

CubeRover | Teleoperations Lead
Pittsburgh, PA | August 2018 - Present

Leading a team of students to design and develop teleoperation software for a 2kg lunar rover. Studying and designing user interfaces for fault detection and navigation while collaborating with the avionics and mechanical teams to develop a robust, flight ready, rover control system.

CubeRover | Creative Direction Intern
Pittsburgh, PA | December 2018 - Present

Designing branding and marketing material and coordinating press contact for a robotics startup developing a modular lunar rover. Nine months after starting work we have raised $3 million in investments.

RadPiper | Graphic & User Experience Designer
Carnegie Mellon University | May 2017 - Present

Prototyped user interfaces and designed a labeling system to assist users in tracking parts and support equipment for a robotic system developed for the United States Department of Energy.

CMU Hyperloop | Design Team Co-Lead
SpaceX Hyperloop Competition | October 2016 - May 2018

Led a team researching how to integrate the hyperloop into existing city infrastructure. Developed a virtual reality experience, later sponsored by Volvo, that traveled around the country serving thousands of guests.

Astrobotic | Concept Designer
Pittsburgh, PA | May 2017 - October 2017

Working with engineers at Astrobotic developed visualizations for future missions which were used in proposals to private investors and NASA.

Project Drafter | User Experience Designer
Pittsburgh, PA | May 2017 - August 2017

Designed a virtual user interface for an augmented reality CAD program with 2D and 3D components.

(216) 906-2393 | johnwalkermoosbrugger.com | johnwalker.moosbrugger@gmail.com