

Shawn Karl Hanna

shawnkarlhanna@gmail.com
www.shawnsrobots.com

+1 (412) 475-2903
Allison Park, PA 15101

Summary

Robotist with a focus in solving the high-level challenges associated with robotic systems

Work Experience

Chief Field Operations Manager, Platypus LLC April 2017 – Present

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Senior Software/Systems Engineer, Carnegie Mellon University May 2017 – Present

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CMU - Policy Manager

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Astrobotics - Lunar Rover

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Team Lead for the software subsystem which created a robust software platform that satisfied all requirements for completion of the 2nd stage prize in simulated moon gravity, vacuum, and temperatures.

CMU - Heterogeneous Multi-Robot Navigation and Exploration

Create a heterogeneous multi-robot system where robots forage objects in an unknown environment

Designed from scratch a multi-robot system that solves a complex sensing and robot fusion task while utilizing proper business practices and strategies to create a marketable product.

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- Team Leadership
- Perception
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- Robot Autonomy
- Algorithm Design and Implementation
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- User Experience Design
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