Parker C. Lusk

Perception · Estimation · Controls

Provo, UT 84604

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Education

Brigham Young University *Provo, UT*

M.S. Electrical and Computer Engineering *Aug. 2016 - Aug. 2018*

- 4.00/4.00 GPA
- Advisor: Randy Beard

Brigham Young University *Provo, UT*

B.S. Electrical Engineering *Jan. 2013 - Aug. 2016*

- 3.78/4.00 GPA

Skills

Programming C/C++, Python, MATLAB/Simulink, ROS, OpenCV, TensorFlow, Git
Embedded STM32, NVIDIA TX2, Pixhawk, Arduino

Work Experience

BYU MAGICC Lab *Provo, UT*

Graduate Research Assistant *Aug. 2016 - Aug. 2018*

- Safe2Ditch: Joint NASA Langley project for autonomous emergency landing of drones
- Visual multiple target tracking using monocular camera on autonomous aerial vehicles

LGS Innovations *Westminster, CO*

Embedded Developer / PCB Designer *Summer 2015*

- Worked with the Intel Edison embedded Linux Platform; designed and assembled PCB add-ons with Cadsoft EAGLE
- Wrote NodeJS app to control embedded hardware

Verisage and Coding Campus *Provo, UT*

Software Developer / Course Instructor *Mar. 2013 - Apr. 2015*

- Managed Verisage projects and worked with clients to add value to their products
- Taught students and developed curriculum at Coding Campus