

DYLAN WALLACE

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dylanwallace.com

EDUCATION

University of Nevada, Las Vegas

2015 – 2020 B.S. in Electrical Engineering, Minor in Computer Science, Minor in Mathematics

- Honors College
- 3.88 GPA
- Engineering Student Ambassador
- IEEE UNLV Vice President
- Tau Beta Pi Member
- GeekPwn 2018 Robot Agent Challenge World Champion

EXPERIENCE

Drones and Autonomous Systems Lab | 4137 Escondido St. Las Vegas, NV 89119

Undergraduate Researcher 02/16 – Present Advisor: Paul Oh, paul.oh@unlv.edu

- Networked Robotics
- Computer Vision
- Humanoid Robotics

Naval Research Lab | 4555 Overlook Ave SW, Washington, DC 20375

NREIP Research Intern Summer 2018 Supervisor: Dan Lofaro, dan@danlofaro.com

- Researched the effects of latency on cloud-based walking algorithms
- Researched casual social interactions between humanoid robots and humans

KAIST HUBO Lab | 291 Daehak-ro, Eoeun-dong, Yuseong-gu, Daejeon, South Korea

Robotics Research Intern Summer 2017 Advisor: Paul Oh, paul.oh@unlv.edu

- Worked with PhD students to perform experiments
- Created a framework for segmentation of candidate footstep planes for real-time walking

SKILLS

- C/C++, Python, C#, Ruby, x86 ASM, MIPS ASM
- Circuit Design & Analysis (LTSpice, Eagle, FreePCB, Altera, Cadence Virtuoso)
- FPGA Design & Synthesis (Quartus, Modelsim, Verilog)
- Linux, ROS, Qt, Gazebo, OpenCV, PCL, Raspberry Pi, Arduino
- 3D Printing & Modeling (Fusion360, Autodesk Inventor, Solidworks, Cura)
- Proficient in Writing & Speaking Spanish