Nathan Corwin   July 15, 2016

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Online Portfolio: http://ncorwin.github.io/

EDUCATION

Northwestern University, Evanston, IL
Masters of Science **in Robotics Engineering**………….……………………………..Expected December 2016
- **GPA**: 3.15
- **Relevant Coursework**: Robotic Manipulation, Embedded Systems, Dynamic Simulation, Mechatronics, Digital Image Analysis, Feedback Systems, Machine Learning, Optimal Control
- **Projects**: Designing jamming gripper for Baxter robot, Droplet placement system for PPOD Project

Trniity College, Hartford, CT
Bachelor of Science **in Engineering, Mechanical Engineering Concentration**…………………………Graduated 2015
- **GPA**: 3.2
- **Relevant Coursework**: Introduction to Robotics and Design, Statics, Dynamics, Engineering Materials, Mechanics of Materials, Linear Algebra, Linear Circuit Theory, Automatic Control Systems, Introduction to Java Programming, Fluid Dynamics
- **Electives**: Studio Art, Psychology, Japanese, Tokyo History

SKILLS

- Machine Shop trained: competent in machining, metalworking, woodworking; experience with most power tools.
- Wiring and soldering.
- CAD software (Autodesk Inventor and SolidWorks) and Adobe Photoshop.
- Programming: Python, C, C++, C#, Basic Java, MATLAB, Mathematica, and Labview
- Linux, ROS
- Microsoft Holoense, Unity, Android Programming

LEADERSHIP & WORK EXPERIANCE

AIR, Northwestern University, Evanston, IL
Startup Company, Founder…………………………………………………………………………...2016-Present
- Engineer/Tech Expert
- Worked on Augmented Reality/Machine Learning combination on Hololense and Android
- Accepted to NU Garage 2016 Wildfire Accelerator

Engineers Without Borders, Trinity College, Hartford, CT
Independent Study……………………………………………………………………………………….2013-2014
- Design Team: Designed latrines for Tanzanian Pre-school
- Media Team: Designed advertising materials; posters, pamphlets, flyers

Robot Study Team, Trinity College, Hartford, CT
Member…………………………………………………………………………………………………. 2011-2015
- Placed 3rd in Trinity College Robowaiter International 2012 competition
- Won Connecticut Design award

X-IO, Colorado Springs, CO
Hardware Engineering and Shipping/Receiving Internship……………………………………………..Summer 2014, 2015
- Assisted Hardware team prototype new server components
- Took over duties in Shipping/Receiving