

Aaron Wade

Engineer

Seattle, Washington

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Skills

Prior work experience in robotics and industrial controls engineering. Strong interest in transitioning to a more software-focused role.

Formal electrical engineering education including logic design, circuit design, power electronics, embedded controls, and digital signal processing.

Proficient with engineering tools such as MATLAB, Simulink, and AutoCAD.

Strong software fundamentals with a working knowledge of Python, Bash, C++, and HTML/CSS. Familiar with git.

Multi-disciplinary personal projects combining concepts from electrical, mechanical, and software engineering.

Experience

FANUC America Corporation – Controls Engineer

June 2015 - September 2018 – Rochester Hills, MI

Collaborated with FANUC and customer project teams to build robotic lines in automotive factory paintshops.

Led the design and oversaw installation of industrial power, safety, and communications systems.

Updated controls system design to an evolving ecosystem of robots, equipment, and customer requirements.

Provided engineering support for the FANUC marketing team at the 2018 International Manufacturing Technology Show.

Belden – Research and Development Intern

May 2014 - August 2014 – Richmond, IN

Developed a testing procedure to resolve scattering parameters of a 4-port network using a 2-port network analyzer.

Education

University of Michigan – Electrical Engineering

September 2011 - May 2015 – Ann Arbor, MI

Bachelor of Science in Electrical Engineering

3.56 / 4.0 GPA, College of Engineering Magna Cum Laude

Affiliations

HKN Beta Epsilon Chapter – Corresponding Secretary – Winter 2014