

KEVIN D. PUETZ

EDUCATION

DEGREE	Bachelor of Science in Computer Engineering	
UNIVERSITY	University of Illinois at Chicago	Chicago, Illinois
PERIOD	August 2014 — December 2017	
AWARDS	Dean's List Fall 2014	
	ABET accredited program	

EXPERIENCE

PERIOD	July 2017 — September 2017	
EMPLOYER	MacLean-Fogg Company	Mundelein, Illinois
SUPERVISOR	Richard Mellor	
JOB TITLE	Controls Engineering Intern	

- Created documentation explorer for maintenance department with GUI interface using Ignition by Inductive Automation
- Upgraded original Nedschroef forming machine sensor gauges to display on a Proface HMI
- Updated schematics with design changes using AutoCAD

PROJECTS

TITLE	Q.W.I.C. Passive Inventory Weight Scale	
ORGANIZATION	Lakeview Pantry	Chicago, Illinois

- Worked in team of four to provide a prototype for a scaleable food inventory weighing system
- Designed and constructed food service compatible platform using aluminum extrusion and ABS plastic
- Programmed Arduino Uno to display weight on an LCD screen and record results to an SD card

SKILLS

Programming Languages	C, C++, MIPS assembly
Scripting Languages	Python
RDBMS	MySQL
Hardware Description Languages	Verilog & VHDL
Software	Quartus Prime, ModelSim, Cadence Virtuoso, MathWorks MATLAB, Git, Microsoft Office, Inductive Automation Ignition, GP-Pro EX HMI
Operating Systems	Microsoft Windows, Linux, macOS
Microcontrollers	Arduino Uno & HCS12

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