

Robert William Austin

Ropaži, Ropažu Novads, Latvija

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Education

BS, Computer Engineering, Michigan State University (2010)

BS, English Literature, Excelsior College, Albany, New York (2005)

Diploma, Monroe High School, Monroe, Michigan (1991)

Strengths

- **C++, Python, Javascript, HTML, CSS, Bootstrap Experience**
 - See workingclasshouses.com/coding.html
- **Strong physics and math fundamentals**
 - Tutored for circuits and digital logic classes for 3 semesters
- **PLC & HMI Experience**
 - Allen Bradley & Siemens hardware commissioning
 - Programming PLCs with RSLogix 5-5000, Siemens Step7
 - Programming HMIs with FactoryTalk View, WinCC, Wonderware, others
- **10+ years Linux/UNIX experience**
- **Problem solver**
 - Modified an automatic transmission to demonstrate principles of torque and gear ratios
 - Built an oxygen sensor simulator to demonstrate engine control feedback loop
 - Designed and built a tiny house on a trailer from scratch with no prior construction experience
- **Great team member**
 - Led winning team, MSU ECE Senior Design Competition (Fall 2010)
 - Line and prep cook during high-pressure events (DaEdoardo's during Superbowl XL)
- **Willing and able to take initiative**
 - Taught myself enough Spanish to teach math to immigrants
 - Rewrote Auto Vocational Trades Program curriculum to focus on ASE certification
 - Became ASE certified master mechanic to familiarize myself with the certification process

Work Chronology

Jan 2011-Nov 2013	Controls Design Engineer, Outbound Technologies
Fall 2010	Tutor for MSU Electrical and Computer Engineering Dept.
Summer 2010	Google Summer of Code, worked with Coreboot project
Fall 2009-Spring 2010	Tutored circuits and graded papers
Feb 2007-July 2009	Engineer's aide/surveyor's assistant, Douglas Steel, Lansing
Jan 2000-Apr 2002	Clerk/tutor in Automotive Vocational Trades Program