

Evan Widloski

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github.com/evildo

Education

Purdue University (GPA 3.57) 2013–2017

- Junior, Double major in Electrical Engineering and Mathematics

Technical Skills

- EagleCAD, KiCAD, SPICE and electronics design
- Electrical signal filters, h-bridges and applications
- Solidworks

GNU/Linux

- Experience maintaining and developing on GNU/Linux

Programming

- Strongest in Python, C
- Web development in Django
- Familiar with Matlab/Octave, Bash, Awk

Experience

Qualcomm – CoreBSP Security Team 2015

- Developed SDK in C to emulate access to hardware peripherals for use by mobile phone OEMs

Purdue IEEE ROV Team – Electrical Team Lead 2013–2015

- Designed a compact, addressable motor controller for use in a submersible vehicle
- Designed layout for custom signals-processing board, the 'brain' of the vehicle
- Designed custom sensors board which controls the submersible's peripherals
- Managed electrical team members and oversaw project completion

Massey Electric Company and Millwright – Paid intern 2012–2013

- Drafted complete model of solar shelter in Solidworks. Verified UL compliance of solar hardware

FIRST Robotics – Founder, Project Manager 2012–2013

- Created team at Maryville High School. Won 1st place rookie team in Smokey Mountain Regionals

Community Service

Purdue Engineering Projects In Community Service (EPICS) – Project Manager, Design Lead 2013–current

- Led a team in creating a website for Purdue University which indexes and provides reviews of community service organizations on campus
- Gave classes on using EagleCAD for class credits

Purdue Linux Users Group – President, Presenter 2013–current

- Gave presentations on using various Unix tools, promoted FOSS
- Organized event with Github representatives visiting campus

Projects

See evanw.org/projects