

# Evan Widloski

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- (865) 583-9735

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github.com/evildo

## Education

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**Purdue University** (GPA 3.48) 2013–2017

- Junior, Double major in Electrical Engineering and Mathematics

## Technical Skills

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- 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

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**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 2014–2015

- 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 1<sup>st</sup> place rookie team in Smokey Mountain Regionals

## Community Service

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**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

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See [evanw.org/projects](http://evanw.org/projects)