

# Evan Widloski

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- (865) 583-9735

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github.com/evidlo

## Education

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**Purdue University** (GPA 3.58) 2013-2017

- Sophomore, B.S., Electrical Engineering, Double major Mathematics

## Technical Skills

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- EagleCAD 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, 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
- Manage electrical team members and oversee 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

**Sailing** - Sea Scout 2009-2013

- Achieved Apprentice and Ordinary Ranks

## 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 Eagle CAD for class credits

**Purdue Linux Users Group** - President, Presenter 2013-current

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