# Adam Cordingley

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## Work Experience

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|---|---|
| Sept 2016–Present | **Web Support Staff** |
| | *Case Western Reserve Univ. - Cleveland, OH* |
| | I work part time during the school year for Case Western's Web Support Dev Ops Integration team. I train staff in using the Drupal content management system & provide university-website-related support. |
| 2015-2016 | **Research Assistant** |
| | *Marshall University - Huntington, WV* |
| | Worked For Dr. Mike Norton at the Marshall Univ. Molecular & Biological Imaging Center (MBIC) full time during the summer & part-time during the fall & spring semesters. Primarily worked with designing and fabricating parts (usually with FDM 3D printing) for use in research. I self-taught myself SolidWorks and learned to use NIH ImageJ. I also worked with Scanning Electron Microscopy (SEM) and Atomic Force Microscopy (AFM). |
| July 2017 & July 2016 | **Kids' Robotics Camp Instructor** |
| | *WV Summer Science Adventures, Marshall Univ. (ssawv.com)* |
| | I planned, organized, and led a one week kids' Vex robotics day camp, intended for junior high & high school students. |

## Education

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|---|---|
| 2016-Present | **Case Western Reserve University (CWRU)**, Cleveland, OH |
| | *Sophomore, Electrical Engineering* |
| | Gpa: 2.704/4.0 |
| Aug 2015 - May 2016 | **Marshall University**, Huntington, WV |
| | *Part-time student - CS & Calculus II courses* |
| 2012-2016 | **Huntington High School**, Huntington, WV |
| | *High School Diploma* |

## Computer Skills

### Software

Proficient:   Windows, Word, PowerPoint, Excel, SolidWorks, NIH ImageJ
Working Knowledge:   Linux, Eclipse, Active-HDL, MPLAB X

### Languages

Proficient:   Python, Java, HTML, CSS, RobotC, Arduino C
Working Knowledge:   Linux Bash, Javascript, PHP, C/C++, Assembler, LaTeX

## Interests and Activities

**CWRU Robotics Club (CWRUbotix):**
- Lab & Safety Manager for CWRU's undergraduate multi-project robotics club.
- 2016-17: Participated in the NRC Maze-robot sub-team.
- In April 2017 was elected Lab & Safety Manager.
- Planning to participate in the NASA Robotic Mining Challenge in the 2017-18 season.

**Vex Robotics:**
- In 10th grade I co-founded my high school's Vex robotics competition team (team 8768A).
- I have since organized and run kids' robotics summer camps based on the Vex platform.