

Adam Cordingley

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Education

- 2016 - Present **Case Western Reserve University (CWRU)**, Cleveland, OH
Sophomore, Electrical Engineering - Gpa: 2.714
- 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*

Experience

- Aug. 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.
- Aug. 2016-
Present **CWRU Robotics Club (CWRUbotix)**
Lab & Safety Manager
Lab & Safety Manager for CWRU's undergraduate multi-project robotics club. In 2016-17 I was on the National Robotics Challenge Maze-robot sub-team. In April 2017 was elected Lab & Safety Manager. For the 2017-18 season, I'm participating with the NASA Robotic Mining Challenge sub-team doing electronics hardware.
- 2015-2016 **Research Assistant**
Marshall University - Huntington, WV
Worked For Dr. Mike Norton at the Marshall Univ. Chemistry Department full time during the summer & part-time during the fall & spring semesters. I 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 **Youth Robotics Camp Instructor**
WV Summer Science Adventures, Marshall Univ. (ssawv.com)
I planned, organized, and led a one week Vex robotics day camp intended for junior high & high school students.

Skills & Certifications

SOLIDWORKS® Certified Associate - Mechanical Design (CSWA) - December 2017

Software & Languages:

- Proficient: Windows, Microsoft Office, NIH ImageJ, Google Apps
Python, Java, HTML, CSS, RobotC, Arduino C
- Working Knowledge: Linux, Eclipse, Multisim, Linux Bash, Javascript, PHP, C/C++, ~~LaTeX~~

Other:

- FDM 3D printing
- Laser Cutting
- Circuit design, implementation, and debugging
- Basic Web Design

Relevant Coursework

- Intro to Circuits & Instrumentation
- Logic Design & Computer Organization
- Intro to Programming in Java
- Python & Java (Marshall Univ.)

Other Interests & Activities

- **Vex Robotics:** In 10th grade I co-founded my high school's Vex robotics competition team (team 8768A). Since then I've organized & run youth Vex robotics summer camps. I also volunteer at Vex competitions when I can.
- **Woodworking**