Adam O'Deven

853 Canter Lane
Auburn Hills, MI 48326

Phone Number: (248) 829-0272

Email Address: adam@odeven.net

About

Currently, I'm a Sophomore at Avondale High School. After I graduate, I plan to attend a university with a focus on computer science, engineering, and design. I'm in search of employment that will further strengthen my skills and experience in my desired fields of study. I'm a fast learner and avid researcher, and I spend a lot of my free time doing just that! Some strengths of mine include leadership, communication, confidence, and collaboration. On a side note, I have a driver's license and a reliable vehicle.

Education

I take school seriously and excel in my studies. As a 10th grader, I am 3 grade levels ahead in math and enrolled in AP Calculus AB. A majority of my other classes consist of an accelerated curriculum made for advanced students. Although my electives are limited due to my rigorous schedule, I select classes that improve my desired skills. I have managed to fit in Programming 1 and Networking & Security, both of which I passed the available certifications. Additionally, my GPA is a 4.0 and I strive to maintain that.

Robotics

I have been part of the high school travel robotics team since 7th grade, in which my main jobs are mechanical design, graphic design, and drive team. In mechanical design, I use SolidWorks, a CAD program, to make 3D models which are then sent to our CNC or lathe to fabricate them. In terms of graphic design, I helped develop the team brand, and made the majority of the branding package on my own. In the competitions, robots compete head to head in a team sport style game. During these competitions, I operate the robot along with another team member.

Extracurricular Activities

During my middle school and high school years, I've participated in a variety of academic and service programs. Some of these programs include AHS Press, Tech Team, Future Problem Solvers, Youth in Government, and National Honor Society. One notable contribution to the AHS Press club was my design of the website. Also, as a lead member of the Tech Team, I managed the light and sound equipment for events.

Hobbies

Some of my hobbies include personal design projects, building and working on my server, and weightlifting. I especially enjoy designing custom mechanical keyboards and computer cases from the ground up. I've actually manufactured one of my keyboards, which I used to type this resume! My computer case design will be used as a Home Theater PC, but has yet to be produced due to a lack of funding.

General Skills

❖ Public speaking   ❖ Working with/Leading others   ❖ Hard working   ❖ Fast learning

❖ Creative thinking   ❖ Problem solving   ❖ Intuitive with technology   ❖ Organized

Computer Skills

Competently used:

- ❖ **Solidworks** - CAD program from Dassault Systèmes
- ❖ **Solidworks Visualize** - rendering program from Dassault Systèmes
- ❖ **Keyshot 9** - another rendering program
- ❖ **Inkscape** - vector graphics editor
- ❖ **Adobe Photoshop** - raster graphics editor
- ❖ **Adobe Premiere Pro** - video editing software
- ❖ **Adobe After Effects** - video graphics editor
- ❖ **Adobe Acrobat** - PDF viewer/editor
- ❖ **Visual Studio Code** - IDE developed by Microsoft
- ❖ **TeamViewer** - remote desktop application
- ❖ **VMWare Workstation Pro** - virtual machine manager/tool
- ❖ **Microsoft Office** - office suite
- ❖ **GrabCad Workbench** - cloud file storage mainly for CAD
- ❖ **Slack** - team communication platform
- ❖ **Various Browsers** - Firefox, Chrome, Edge, etc.
- ❖ **Debian** - OS
- ❖ **Windows 10** - OS
- ❖ **TrueNAS** - OS
- ❖ **Proxmox** - OS
- ❖ **MacOS** - OS
- ❖ **Android & iOS** - mobile OS's

Tried/used a little bit:

- ❖ **Fusion 360** - CAD program from Autodesk
- ❖ **QCAD** - open source CAD program
- ❖ **Freecad** - another open source CAD program
- ❖ **Alibre Atom3d** - CAD program
- ❖ **LibreCAD** - the last open source CAD program
- ❖ **Blender** - rendering program
- ❖ **Cinema 4D** - yet another rendering program
- ❖ **GIMP** - raster graphics editor
- ❖ **Adobe Illustrator** - vector graphics editor
- ❖ **RawTherapee** - raw image editor
- ❖ **Visual Studio** - IDE
- ❖ **Github** - development platform
- ❖ **Audacity** - audio editor
- ❖ **KiCad** - PCB design program
- ❖ **Wireshark** - network protocol analyzer
- ❖ **Arch Linux** - OS