

Mihai Vintila

Computer/Electrical Engineer

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Cleveland, OH

Highly motivated Computer Engineering student with a strong foundation in circuit design (OrCAD PSpice, LTspice), 3D designs (SOLIDWORKS), and programming (C++, Java). Combining academic knowledge with hands-on experience in repairing electronic and mechanical systems, completing large and complex projects, and excels in high-pressure environments. Seeking to grow, learn and contribute to the success of dynamic engineering team.

Education

Cleveland State University (Cleveland, OH)

Major: B.S. Computer Engineering **Minors:** Mathematics, Computer Science

Graduation Date: May 2027

Key Courses taken: Computer Networks, Electronics, Circuits 1 and 2, Systems Programming, Digital Systems, Physics 2

Key Skills

- **CAD & Simulation:** OrCAD PSpice, LTspice, SOLIDWORKS
- **Programming Languages:** C++, Java, Python.
- **Software:** Microsoft 365 Office applications, Minitab, Visual Studio, MySQL, Excel, Linux.

Projects

AI Object Tracker

- Designed and trained an AI object-tracking camera by creating a custom camera mount in SOLIDWORKS and developing a program that uses MediaPipe AI to visually detect objects on a Raspberry Pi 5.

Experience

360 Fit 24/7 Access - Assistant Manager of Operation Oct 2024 – current
Parma, OH

- Managed facility operations daily, troubleshooting mechanical and electrical fitness equipment with hands-on repair to provide the best and safest customer experience.
- Served as the primary point-of-contact for operational and customer issues such as equipment and utility malfunctions, membership and software issues, and customer complaints.
- Upheld the high standard of the company by maintaining a professional and welcoming environment.

Handshake – AI Trainer Nov 2025 – Current

- Remotely contributed to artificial intelligence projects and research laboratories, by applying my academic knowledge to improve the performance of Large Language Models within several specific fields.

Lucarelli Contracting LLC - Fence Craftsman May 2025 - August 2025
Cleveland, OH

- Mastered all aspects of the construction lifecycle, including taking care of the quotes, site layout, excavation, post-setting, and the complex process of assembling fences with a variety of materials
- Successfully operated a skid-steer loader and other heavy equipment, contributing to project completion ahead of schedule while **rigorously adhering to safety protocols.**
- Demonstrated exceptional work ethic, strong teamwork skills, and consistency by performing intensive labor during extended 12-hour shifts to meet project goals under challenging environmental conditions.

Clubs:

- SAE Formula Cleveland State University

Languages:

- English(fluent)
- Romanian(fluent)

References

available upon request.