PARKER LAUDERS
Computer Engineering

✉ parkerwlauders@gmail.com

📞 (513) 262 - 6425

📍 Sardinia, OH

🖥 www.pwldigital.com

EDUCATION

Bachelor of Science
Computer Engineering Technology
Minoring in CADD   **GPA: 3.79**

📅 August 2022 - Current

📍 Shawnee State University

RELEVANT COURSES

Electrical Fundamentals 1 (DC), Electrical Fundamentals 2 (AC), Electronics, Computing Systems, Structured Programming, Database Systems, Programmable Logic, Systems Programming, 3-D Parametric Modeling, Introduction to CADD

CERTIFICATIONS

- Rockwell Automation Level I
- Lean Six Sigma Green Belt
- FANUC CNC Basic Programming, Setup, and Operation
- Engineering and Design

SKILLS

- AutoCAD
- Arduino IDE
- C
- EagleCAD
- Fusion360
- Git
- Inventor
- Python
- SolidWorks
- Visual Studio
- Visual Studio Code

EXTRACURRICULAR

Men's Varsity Bowling
📅 August 2022 – Current

IEEE Member
📅 August 2023 – Current

IEEE Vice President
📅 December 2023 – Current

WORK EXPERIENCE

Supplemental Instructor Leader

Shawnee State University

📅 September 2023 – Current   📍 Portsmouth, OH

- Attend and lead supplemental sessions.
- Assist students with reviewing course material and improving comprehension.
- Led discussions, lectures and labs centered around course content.
- Enhanced student comprehension and shortened learning process through new teach methods.

PCB Hand Assembler I

Spectra-Tech Manufacturing, INC.

📅 June 2022 – August 2023   📍 Batavia, OH

- Assembled components with minimal supervision, exceeding expected dates.
- Collaborated with team members to improve production processes and maintain quality standards.
- Completed durable assemblies and subassemblies with hand and power tools.
- Followed outlined specifications to implement assembly plans.

Summer Maintenance Help

Dualite Signs & Branding

📅 June 2021 – August 2021   📍 Williamsburg, OH

- Followed instructions from supervisor regarding daily job tasks and duties.
- Performed preventive maintenance and repairs on various types of equipment.
- Continuously adhered to strict regulations as well as detailed instructions, guidelines, and specifications.
- Rewired and replaced faulty electrical components in equipment.

Lawn Care Worker

Lykins Lawn Care

📅 April 2018 – August 2020   📍 Milford, OH

- Maintained grounds by trimming, weeding, and general clean-up.
- Removed weeds, hazards, and debris from common pathways to improve usability.
- Performed mulching and edging of lawns.
- Removed and disposed of plant debris from work sites to keep areas safe and well-organized.

PROJECTS

A.I. Driven Power Wheels Car (Version One)
Creator

📅 May 2023 – November 2023

- Built a control system using standard Arduino Mega 2560 Microcontroller with C programming for close to real-time performance.
- Built an A.I. model that runs on a modern NVIDIA Jetson Nano to perform self-driving capabilities.
- Established communication between the systems using I^{2}C to allow the control system to execute the A.I. outputs.
- Tested and evaluated the driving capabilities to find improvements for version two .
- Followed professional standards toward documentation.

A.I. Assistant Swim Coach
Lead Student Researcher

📅 June 2023 – December 2024

- Conducted research of parts to support project objectives.
- Manage project expenses closely to ensure adherence to the allocated budget.
- Lead development to ensure progress was made and to meet deadlines.
- Research leading-edge A.I. technologies to ensure the reliability of the A.I.
- Continue development to ensure the project developments are on course with the project objectives.

Personal Website (www.pwldigital.com)
Creator

📅 September 2023 – Current

- Designed and developed a dynamic website platform.
- Implemented a user-friendly interface for easy navigation.
- Enhanced professional visibility and accessibility.
- Achieved seamless integration of multimedia elements, such as images and videos.
- Ensured scalability and futureproofing for potential updates and additions.

A.C.E. Tracker
Creator

📅 December 2023 – Current

PARKER LAUDERS
Computer Engineering

✉ parkerwlauders@gmail.com
📞 (513) 262 - 6425
📍 Sardinia, OH
🖥 www.pwldigital.com

ACCOMPLISHMENTS

- Dean's List (3.92) (Spring 2023)
- President's List (4.0) (Fall 2023)

REFERENCES

Jameson Castle
Assembly Supervisor
(513) 735 – 9300
jcastle@4spectra.com
📍 Spectra-Tech Manufacturing, INC.

JT Ok
Assistant Professor Engineering Technologies
(740) 351 – 3510
jok@shawnee.edu
📍 Shawnee State University

Ted Kosan
Associate Professor, Computer Engineering Technologies
tkosan2@shawnee.edu
📍 Shawnee State University

Bryan Sturgell
Men's Head Bowling Coach
(740) 357 – 7696
bsturgell@shawnee.edu
📍 Shawnee State University