

Dmytro Petryshchuk

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WORK EXPERIENCE

OneKeyFlow

Feb. 2026 – Present

Founder

Menifee, CA

Founded an AI automation agency building workflows for businesses that save time and money. Full agency deal flow from disco-calls to fulfillment.

- Scaled the agency from 0 to 5k rev in 1 month through cold outreach, sales calls, and overdelivering,
- Built an automation for a \$45m/yr ecom company that turned a 23-hr manual process into a few minutes by generating over financial reports for 70+ SKUs. Used n8n, Anthropic REST API, Javascript, and Google Apps Script.
- Integrated a CRM into lead capture for a \$2M auto-transport logistics company.

Midtronics

May 2023 – Nov. 2025

Embedded Software Engineer (Intern 6 months, Full-time 2.5 years)

Willowbrook, IL

Midtronics is a \$100M battery tech company relied upon by nearly every major OEM (Ford, Toyota, GM, BMW, Honda, Rivian, etc.).

- Built and architected C firmware for an EV battery balancer in a team of 3, from concept to live demo in Japan in 8 months.
- Designed the RF compliance process (docs, test-rigs, software) that enabled flagship sales in international markets.
- Wrote a suite of internal dev tools and workflows, a JIRA REST api script to upload firmware and update tickets programmatically, signal monitors (ADC, GPIO, Serial, PWMs), and calibration tools.
- Ran successful AI development workshops for 23 embedded engineers which trained the team in the cutting edge of Copilot, Claude Code, and safe AI embedded dev practices.
- Contributed to 5 flagship products fulfilling customer requirements, building demos, and designing reliable production software.

EDUCATION

University of Illinois at Urbana-Champaign

Aug. 2021 – Dec. 2024

Bachelor of Science, Computer Engineering

Urbana, IL

- GPA: 3.5/4.0

Technical University of Denmark

Aug. 2023 – Dec. 2023

Major: Exchange Program

Lynghby, Denmark

PROJECTS

Valandar

Jan. 2026 – Feb. 2026

- Built a full-stack Word add-in that cut contract review from 6 hours to 20 minutes for 30 documents per month, using Django, PostgreSQL, the OpenAI Responses API, and the Word JS API, hosted on Heroku.

Fairquanta

Dec. 2025 – Feb. 2026

- Read academic papers across AI memory systems, long-horizon task planning, collaborative filtering, and psychometrics to shape the architecture, UI, and product direction of a team-coordination AI platform.

SKILLS, TECHNOLOGIES & INTERESTS

- **Skills:** AI/LLM Integration; Workflow Orchestration; Firmware Development; Full-stack Development; Customer-facing; Communication
- **Technologies:** C; Python; Javascript; SQL; Django; n8n; Make; OpenAI/Anthropic APIs; OpenAI Responses; Agentic frameworks; MemOS/EverMemOS; Word JS API; Google Apps Script; Git; JIRA
- **Interests:** Entrepreneurship; Meditation; Philosophy; Writing