

Jordan Armitage

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Experience

Founder

Jordan Armitage LLC | August 2021 - Present | Brooklyn, NY

- Hand making and selling objects. Projects involve working with leather, metal, and wood. Selling objects online, in person, and in stores.
- Hardware engineering consulting for small companies.
- Hacking projects together like a compass that points only to your destination so that you can get lost along the way, and a nostalgic road trip simulator.
- Please see some of my work at www.jordanarmitage.com/portfolio

Hardware Engineer

Winnow Solutions | May 2019 - July 2021 | London, UK

- Led the hardware team of 2 people and anywhere from 2-5 consultants. Managed daily functions of the team, set priorities, hired employees, and set the requirements for the consultants and suppliers we hired.
- Top to bottom re-designs of two hardware devices. We designed PCBs with full backwards compatibility to replace the internal components, and replaced a prebuilt tablet with custom android parts. We redesigned the sheet metal and milled components for the new parts. The result was a 24% reduction in bill of material cost and 42% fewer parts.
- The redesigns required managing pcb design by consultants in India, sourcing new electronics assemblers in the UK, new pcb manufacturers and lcd suppliers in China, antenna testing, packaging design, and UL certification.

Founder

Fermentor | September 2018 - May 2019 | Denver, CO

- The Pickle Puck is a wireless sensor that tracks fermentation progress and provides analysis specific to the food in the barrel. This device gives data driven decision making to small to medium sized fermented food companies.
- The device is Arduino based with pH, temperature, and total dissolved solids sensors.
- Designed and built an MVP, found 2 clients to begin data collection and testing, and received a grant for a workspace and mentorship at an innovation lab.

Consultant

Fermentor | September 2018 - May 2019 | Denver, CO

- Assisted a 30x production increase of a fermented food product, developed new manufacturing processes, cost optimization, and food safety compliance.

- Set up a fermented food process at a restaurant by clearing a process plan with Denver Health & Safety, developed recipes, and trained staff.
- Facilitated a merger of two food companies that resulted in 2x the output by consolidating inventory, production planning, and certifications.

Kitchen Manager

Block and Larder Restaurant | January 2017 - September 2018 | Denver, CO

- Ran dinner service with up to 5 cooks on the line, in a from scratch kitchen.
- Responsible for scheduling, safety checks, and inventory management.

Education

Bachelor Of Applied Science, Mechanical Engineering

University of Waterloo | September 2011 - May 2016 | Waterloo, Canada

Internships

R&D Engineering Associate

Baylis Medical Company | September 2014 - December 2014 | Toronto, Canada

- Assisted the development of heart surgery devices through prototype creation, testing, and manufacturing tests.
- Troubleshooting and root cause analysis of manufacturing defects, and returns.

Gas Dispersion Research Assistant

The Petroleum Institute | January 2014 - May 2014 | Abu Dhabi, UAE

- Started a research project on environmental gas dispersion to study the effect of a toxic hydrogen sulfide gas leak over sand dunes.
- Presented research at a Conference in a presentation titled "CFD prediction of Gas Dispersion over Complex Terrain in Sour Gas Processing Fields".

Operations Program Management Analyst

Pratt and Whitney Canada | May 2013 - August 2013 | Toronto, Canada

- Project management of aircraft engine installation, maintenance and disassembly.

HVAC System Student Designer

The Mitchell Partnership | September, 2012 - December 2012 | Toronto, Canada

- Designed air conditioning, plumbing and gas piping in commercial buildings.

Manufacturing Engineering Student

Faurecia Automotive Seating | January 2012 - April 2012 | Toronto, Canada

- Supported the launch of new manufacturing lines through documentation and supplier coordination.