

Andrew (Andy) Harris

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EDUCATION

University of California, Berkeley

B.A. Aug 2023

- Digital Media Studies major (3.51 GPA in major) with certificate in Design Innovation (3.81 GPA)
- Certified in all Jacobs Hall Makerspace technologies; Berkeley Founders' Pledge; Cal Men's Lacrosse Team; volunteer lacrosse coach for underserved children through Oakland Lacrosse; Chi Phi Fraternity (elected to Executive Board)

PROFESSIONAL

ABM

Sept - Dec 2022

EV Charging Strategy Intern

Berkeley, CA

- Worked for ABM's innovation team to maximize uptime of their 20k+ EV charging network
 - Helped develop national EV Charger training program to improve technician efficiency
 - Conducted inventory analysis of EV charger components to optimize supply chain

Sur Ron Pit Stop

2020 - Present

Founder and CEO

Berkeley, CA

- Founded ebike business. Runner-up at 2021 International Motorcycle Show, Custom Bike class
 - Create and sell custom aftermarket products for Sur Ron bike platform (Visit surronpitstop.com)
 - Built userbase with entertainment videos (over 9M views of Instagram ebike videos, 30K followers)
 - Developed educational and technical video content (over 370K views of YouTube tutorial and breakdown videos)

Amped Emotos Inc.

Jan - Aug 2021

Founder and CEO

Berkeley, CA

- Founded electric motorcycle company targeting specific B2B fleet opportunities
 - Led team of eight to assess use cases, rider/buyer needs, and product-market fit
 - Developed and built high performance, lightweight, low cost, electric motorcycle tailored for urban police and military
 - Put business on hold to continue college education

BCG Digital Ventures

June - Aug 2019

Summer Associate

Manhattan Beach, CA

- Worked at consulting and incubation firm helping large corporations build startups
 - Performed market analysis to assess competitive landscape for a fintech company and a nonprofit organization
 - Created multiple value propositions and landing pages to test conversion rates across 250 potential consumers
 - Analyzed specific feature preferences and willingness to pay based on 300+ survey respondents and live interviews

AH Tech, LLC

2014 - 2018

Founder and CEO

Bethesda, MD

- Founded technology consulting company to serve small businesses and individuals
 - Services included systems networking, custom computer builds, website design, and technology troubleshooting
 - 3D printed and manufactured custom fidget spinners and Airsoft parts, selling them at a 90+% profit margin

Bluefin Innovations and Prototype Productions Incorporated

June - Aug 2017

Engineering Intern

Ashburn and Sterling, VA

- Worked at engineering and technology development firm to help bring patented new heating technology to market
 - Developed method to measure water content of food by analyzing their electrical properties
 - Ran 100+ hours of analytics to create successful algorithm for determining optimal cook times
 - Set up 4 test platforms coded in Python for data simulation and transmission over BLE

PERSONAL

- Love inventing and prototyping, e.g.,
 - Built high performance 24.6kW ebike, including designing and 3D printing mount for ASI controller, installing 72v battery, programming BMS unit and trip computer, and designing welded seat extension for additional rider
 - Built 10+ desktop PCs including 5 high-end custom water-cooled gaming machines
 - Built DIY air-scrubbing hazmat suit (for COVID) with 6-hour battery life and HEPA filtration for under \$75
 - Built quadcopter drone from scratch capable of flying for 15 minutes, reaching 30 mph, and carrying payload of 7 lbs.
- Skills: Laser cutting, 3D printing, CNC milling, welding, 3D modeling (Adobe Suite, Solidworks), video editing (Final Cut Pro, DaVinci Resolve, Adobe Premier), and programming (basic Python, HTML5, and BACdoor)
- Interests: DIY technology projects, inventions that improve society, lacrosse, wrestling, PC building, video games