

Michael Pappas

415-302-9395 | pappas.michael@gmail.com | Berkeley, CA

Work Experience

Sunbelt Controls, Pleasanton, CA

October 2019 - Present

Systems Software Engineer

- Built Niagara 4 and AX platforms based on provided submittals with Distech controllers
- Integrated existing and new equipment using BACnet, Modbus, and Lonworks
- Created and modified Niagara graphics
- Coordinated with subcontractors, clients and commissioning agents to deliver platforms to spec and in a timely manner
- Programmed Bacnet and Lonworks devices through GFX and Niagara wire sheets according to SOOs.

Freelance Product Designer/Fabricator

March

2018-Current

- Designed and fabricate custom truck and van build outs; electrical, plumbing, carpentry, and upholstery, utilizing 3d modeling, user research, and materials research.
- Remotely fabricated custom pop top roof upholstery through correspondence and test samples featuring privacy, thermal, and bug layered window system.
- Designed and sewed custom backpacks and bags to meet customers needs, highlighting high tech lightweight and durable fabrics suited to the intended use.

Jittery Johns Cold Brew, Berkeley, CA

Dec. 2015 - March 2018

Product Engineering Manager

- Quadrupled production capacity by streamlining processes with same amount of staff and production space
- Designed and built automated bottling equipment and pasteurization equipment to suit unique production needs
- Sourced and configured new production line equipment
- Developed new seasonal and year-round products
- Interfaced with co-packers and food scientist to insure product safety and consistency
- Sourced ingredients through local and international agricultural brokers and suppliers

Last Mile Research, St. Helena, CA

Juy 2013 - Aug. 2014

Fiber Optic Technician/Network Engineer

- Procured equipment for fiber optic and networking equipment, routinely coming 50% under budget
- Designed fiber network distribution, emphasizing ease of network maintenance and future expansion
- Pulled and fused over one mile of fiber optic cable through over 35 buildings through new and

- existing conduit
- Configured and installed networking and WiFi equipment

Berkeley CoRo, Berkeley, CA

March 2015 - Nov. 2016

Roastery Manager, Head of Equipment Service

- Created maintenance program for coffee roasting and brewing equipment
- Implemented safety protocols and training for new customers
- Managed parts inventory for roasting and equipment maintenance business
- Serviced new and existing customer equipment, consulted on equipment recommendations and cafe build-outs

Fabrication & Design skills

- Bacnet device configuration, commissioning, and troubleshooting
- Logic Programming (Distech EC-GFX and Niagara Wiresheets)
- Troubleshooting sensor and device malfunctions of HVAC equipment
- AC/DC/Solar electronic systems and troubleshooting
- Electronic/Mechanical diagnosis and repair of industrial equipment
- CNC machining and CAM
- 8020 extrusion fabrication
- 3D Modeling
- Manual Mill and Lathe machining
- Soft Goods design; Sewing, pattern making, knowledge of fabric construction and coatings
- Furniture construction/Woodworking

Software

Niagara 4, Niagara AX, Distech EC-GFX, Rhinoceros 3D, RhinoCam, Adobe Creative Suite (Photoshop, Illustrator, and Indesign), Wordpress Management, Microsoft Office, Google Docs

Education

2010-2013	School of the Art Institute of Chicago, Bachelor of Fine Arts
2008-2009	College of Marin, Kentfield, CA

Scholarships and Awards

2010-2013	SAIC Merit Scholarship
2012	Betsy Kaplan Design Award
2007	Eagle Scout

References

Mike Pogue, CEO	Floy Andrews, CEO/Founder
Last Mile Research	CoRo Berkeley
mike@lastmileresearch.com	Floy@corocoffee.com