



Ryan O'Beirne

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Research Engineer with over 20 years of experience in digital printing.

Education

The University of Phoenix: 2010
Master of Business Administration

The University of Tennessee, Knoxville: 2006
Bachelor of Fine Arts in Media Arts

Experience

Digital Print Manager, Vescom America
Henderson, NC: *September 2023 - Present*

- Manage digital wallcovering manufacturing for all of North America.
- Manage customer relationships for developing and producing complex digital wallcovering projects.
- Develop color management strategies and workflows for color-critical wallcovering applications.
- Lead and train production personnel on digital printer use and maintenance, software tools, and color management practices.

R&D Engineer, Spoonflower/Shutterfly
Durham, NC: *August 2015 - September 2023*

- *Research* wide-format inkjet printing technologies including pigment, dye sublimation, latex printers/presses, and digital cutters (CNC) for custom print-on-demand products including textiles, home-decor, and wallpaper.
- *Develop* digital print/cut manufacturing processes and automated imaging workflows for custom products and create technical documentation for those processes.
- *Color Management:* Develop ICC profiles, linearizations, and G7 calibrations for production print devices and establish novel color conformance protocols for direct-to-fabric print platforms.
- *Systems Administrator:* Manage RIP servers and maintain virtual environments for digital print workflows.
- *Software Engineer:* Develop software to manage production imaging workflows and automate image processing in diverse tech stacks including Rust, Typescript, Ruby, AWS/S3/SQS, Docker, Bash, and more.

Print Manager, Godfrey Group
Durham, NC: *March 2010 - August 2015*

- *Production Management:* Coordinate the print production of trade show and display graphics.
- *Color Management:* Develop calibration and ICC profiling strategies using various spectrophotometers and color management software.
- *Wide-Format Inkjet Technician:* Develop maintenance routines for the latest in inkjet technologies in order to reduce material waste and prevent equipment downtime. Make repairs if necessary.
- *Research & Development:* Explore new print technology and media options in order to develop innovative and profitable trade show and display solutions.
- *Graphic Designer:* Design wide-format graphics for trade shows and marketing environments.
- *Preflight Technician:* Check incoming artwork from clients and agencies for production readiness and make adjustments to maximize graphics production quality.