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|  | Matthew Moll  Engineer | | |  |
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| Contact 711 S Cherry Grove Ave. Annapolis, MD 21401  (610) 781-8685  mattmoll.1@gmail.com  linkedin.com/in/matthewmoll | | Professional Summary A resourceful engineer with hands-on experience and knowledge in the automotive, industrial manufacturing, and computer software fields. Comfortable working in an office, on-site or remote environment with some travel involved. | | |
| Skills & Proficiencies SolidWorks  Technical Writing  Wiring/Soldering  Welding/Fabricating  MATLab  Arduino/Python  Oral & Written Communication  Organization  Problem Solving  Multitasking Hobbies & Interests Building Engines  3D Printing  Hiking  Traveling  Kayaking  Boating  Cooking  Escape Rooms  Board Games | | Work Experience February 2019 - Present  Equipment Design Engineer • East Penn Mfg. • Lyons, PA   * Design new and retrofit existing production equipment * Equipment can potentially utilize robots, conveyors, pneumatic cylinders and rotary actuators, hydraulic cylinders, servos, welders, pressure testing, conductivity testing, and optical testing * Coordinate with multiple departments for input on safety concerns, product specs, electrical/robotic controls requirements, purchasing/vendors, delivery, and installation * Design and test mechanical, electrical, hydraulic, and pneumatic systems * Utilize 3D-modeling for designing, creating technical drawings, and strength of materials simulations   August 2017 – February 2019  Project Engineer • Lendlease • New York, New York   * Reviewed shop drawings, samples, logged data in accordance with plans and specifications, scope, installation procedures, site considerations and coordination with regards to the other trades. * Prepared, expedited, and monitored logs for tracking hundreds of shop drawings, contract documents, submittals, requests for information, change orders, and other documentation as determined necessary for a successful project.  Education 2017  B.S. Mechanical Engineering • The Pennsylvania State University  2012  A.A.S Collision Repair Technology • Pennsylvania College of Technology | | |
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