| **Software Engineer**  Dan-Luk.com |  | **Dan Luk** | | | | (614) 546-8412  danluk1311@gmail.com |
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| **Education** | | | | | | |
| **The Ohio State University 2002 - 2008**   * M.S.E. in Aeronautical/Aerospace Engineering, Dec. 2008. * B.S.E. in Aeronautical/Aerospace Engineering, May, 2006 * Relevant Coursework and Technologies: Numerical Methods, MatLab, Fortran, Version Control, Linux | | | | | | |
| **The Ohio State University**  **Graduate Researcher 2006 - 2008**   * Published M.S.E. Thesis on Computational Fluid Dynamics Analysis Over Turbine Blades. * Deployed legacy Fortran code to implement numerical analysis and data structures.     **Certification:** Full Stack Developer professional certification | | | | | | |
| **Technologies**   * JavaScript: * React / Redux * Node.js * Express.js * HTML/CSS * SQL/PostgreSQL * C, C++, Python | | | **Competencies**   * Web applications * Rest API * Git & GitHub * Test-driven development * Data Structures * Algorithms * Big O Time & Space | | **Concepts**   * Development lifecycles * Agile Methodology * Design patterns: * Façade * Builder * MVC | |
| **Technical project: eCommerce store project (2023)**   * Features: Inventory populated with database; Shopping Cart sidebar; Purchase via Stripe API. * Model View Controller design pattern. Implemented custom react hooks. | | | | | | |
| **Employment** | | | | | | |
| **Pastor**  **Leadership Team** |  | **Reliant** | | | | **2009 -2022** |
| * Built and cultivated donor relationships, resulting in over $1.2M in donations for the operational budget. * Developed an interactive database to maximize employee engagement with guests. * Launched a new branch in a new city and added 50 new members to our organization. * Recruited, trained, and evaluated 40+ leaders in facilitating community groups to promote increased retention. | | | | | | |
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| **Skills** | | | |  | | |
| * End user obsession * Creative problem solver * Strong communication / public speaker * Organizational strategy | | | | * Enthusiastic & curious learner * Collaboration (team-first mentality) * Develops & Coaches strong leaders * Provides critical feedback | | |