| **Software Engineer**  Dan-Luk.com | | | | | |  | | | **Dan Luk** | | | | | | | | | | | | | | | | | | (614) 546-8412  danluk1311@gmail.com | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 of heat flux over turbine blades in collaboration with three faculty members. * 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: shopping cart, add/remove buttons, purchase via stripe. * Model View Controller design pattern. Implemented react hooks. Easy debugging through TypeScript. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Employment** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Pastor**  **Leadership Team** | | | | | |  | | | **Reliant** | | | | | | | | | | | | | | | | | | **20**09 -2022 | | | | | |
| * Cultivated donor relationships, resulting in over $1.2M in donations for organization's operational budget. * Launched excel database to maximize employee engagement with guests. * Launched a new branch at another campus and added 30 new members to our organization * Recruited, trained, and evaluated 40+ leaders in facilitating community groups to promote increased retention. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Skills** | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | |
| * Enthusiastic Leaner * Organizational strategy * Delegates responsibility * Public speaking | | | | | | | | | | | | | | | | | | * Providing critical feedback * Collaboration (team-first mentality) * Creative problem solver * End user focused | | | | | | | | | | | | | | |