| **Software Engineer**  **Portfolio: Dan-Luk.com** |  | **Dan Luk** | | | | (614) 546-8412  danluk1311@gmail.com |
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| **PROFESSIONAL EXPERIENCE** | | |  | |  | |
| **Software Engineer**  April - May 2023  Technology Service Corporation (TSC) - Bloomington, IN   * Provided software engineering expertise encompassing architecture design, integration, code automation, troubleshooting, and training to the Department of Defense (DoD) in vital areas such as High Voltage Detonators and Battery systems. * Programmed in LabVIEW for data collection and testing. Quality Assurance Testing.   **Contract Software Developer** May 2023  Ethervision - Remote   * Researched various AI powered chatbot options for stakeholders to evaluate * Business Chatbot would use Natural Language Processing technology to communicate with customers * Chatbot can help users answer questions, navigate the site, and guide them towards action steps   **Bootcamp project: eCommerce store** January 2023   * Integrated Stripe API for secure payments. Implemented HTTP POST request with JSON objects. * Utilized React Bootstrap for efficient DOM manipulation. Implemented shopping cart context logic and sidebar.   **Pastor**  December 2008 - 2022  Reliant - Columbus, OH   * Built and cultivated donor relationships, resulting in over $1.5M in donations for the operational budget. * Developed an interactive database to maximize employee engagement with guests.   **SKILLS** | | | | | | |
| **Technologies**   * JavaScript(ES6): * React / Redux * Node.js * Express.js * HTML/CSS * SQL/PostgreSQL * Python, C++, C | | | **Competencies**   * OpenAI * Rest API * Cloud platforms   + AWS   + Azure * Agile Methodology * Design patterns | | **Soft Skills**   * Bias for action * Team-first mentality * Enthusiastic/quick learner * End user obsession * Creative problem solver * Organizational strategy * Provides critical feedback | |

**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 | | | | | | |
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| **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. | | | | | | |