DAN LUK

(614) 546-8412 danluk1311@gmail.com

EDUCATION

Columbus, OH The Ohio State University 2002 - 2008

- M.S.E. in Aeronautical/Aerospace Engineering, Dec. 2008.
- B.S.E. in Aeronautical/Aerospace Engineering, May, 2006
- Graduate Coursework and Technologies: Numerical Methods, MatLab, Fortran, Version Control, Excel, Linux

Graduate Researcher

The Ohio State University

2006 - 2008

- Published M.S.E. thesis on Computational Fluid Dynamics analysis of heat flux over turbine blades.
- Deployed legacy Fortran code. Implemented numerical analysis and data structures for compute.

Technologies	Skills	Knowledge
 JavaScript React.js Bootstrap/ JQuery HTML/ CSS Node.js Express.js 	 Web applications UI/UX design SQL/PostgreSQL Excel Adobe Cloud apps Git & GitHub Test-driven development 	 Data Structures Algorithms Relational databases Big O Time & Space Recursion RESTful api Security best practices

eCommerce store project (2023)

- Platform presents products available for purchase with great UI and UX design.
- Added features: shopping cart, add/remove buttons, purchase via stripe.
- Increased proficiency of JS, React, TypeScript, and Node.
- Organized components of code through react hooks. Easy debugging through TypeScript.
- Implemented code that performs efficiently, is readable, reusable, and easy to maintain.

EMPLOYMENT

Pastor Reliant 2009 -2022 Leadership Team

- Pioneered launch of churches that grew to 500 in size through clear vision and inclusive culture.
- Raised over 1 million dollars for non-profit ministry using customer relation database management systems.
- Launched excel database to maximize employee engagement with guests.

LEADERSHIP SKILLS Dynamic Skills

- Leading myself (self-motivated)
- Guiding others
- Strategic approach to mission
- Creates training content
- Ability to positively influence others
- Delegates responsibility
- Multiplying myself
- Public speaking

- Complex problem solver
- Innovation
- Collaboration (team-first mentality)
- Value people
- Listen with empathy
- Conflict resolution
- Service-focused
- Fund-raising