Software Engineer
ender1311.github.io

DAN LUK

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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
- Revelant Coursework and Technologies: Numerical Methods, MatLab, Fortran, Version Control, 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 through collaboration with three faculty members.
- Deployed legacy Fortran code which implemented numerical analysis and data structures for compute in order to show accuracy of CFD analysis.

Certification: Full Stack Developer professional certification

Technologies	Comptencies	Concepts

- JavaScript:
   ○ React / Redux
   ○ Node.js
   ○ Express.js
- HTML/CSS
- SQL/PostgreSQL
- C, C++, Python
	∉ Web applications
	∉ Rest API
	∉ Git & GitHub
	∉ Test-driven development
	∉ Data Structures
	∉ Algorithms
	∉ Big O Time & Space
		- Development lifecycles
		- Agile Methodology
		- Design patterns:
		   ○ Façade
		   ○ Builder
		   ○ MVC

Technical project: eCommerce store project (2023)

- Features: shopping cart, add/remove buttons, purchase via stripe.
- Organized components of code through react hooks. Easy debugging through TypeScript.

EMPLOYMENT

Pastor	**Reliant**	2009 -2022

Leadership Team

- Promoted to pastor of church after sucessfully launching church at Indiana Universty with 50 members
- Cultivated relationships with donors, resulting in over $1.2 million in donations to organizational operating and staffing budget.
- Activated network of donors through customer relation database management systems.
- Launched excel database to maximize employee engagement with guests.
- Leveraged FB and IG to increase guest visits via targeted ads.
- 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 in providing community connection for members

SKILLS	Skills
- Self-management - Supervision - Providing critical feedback - Organizational strategy - Creates training content - Negotiations - Delegates responsibility - Public speaking	∉ Bias to Action ∉ Collaboration (team-first mentality) ∉ Creative problem solver ∉ Innovation and change mangement ∉ Relationship building ∉ Conflict resolution ∉ End user focused