Software Engineer

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
- Graduate Coursework and Technologies: Numerical Methods, MatLab, Fortran, Version Control, Excel, Linux

Graduate Researcher	The Ohio State University	2006 - 2008

- Published thesis on Computational Fluid Dynamics analysis of heat flux over turbine blades
- Employed legacy Fortran code on supercomputers.

Languages and Technologies and Skills

- JavaScript, React library, HTML, CSS,
- Node.js, Express.js, SQL, PostgreSQL, Postman, Excel.
- Visual Studio, Git & GitHub.
- Test-driven development, data structures, algorithms.
- Basic working knowledge of: Python, C++, C, Fortran.

eCommerce store project (2023)

- Platform presents products available for purchase with great UX design.
- Added features: shopping cart, add/remove buttons, purchase via stripe.
- Applied knowledge of JS, React, TypeScript, and Node.
- Learned how to use react hooks.
- Implemented code that is readable, reusable, and easy for others to maintain

EMPLOYMENT

Pastor (2022)	Reliant	2009 -2022

Leadership Development (2012-2022)

- 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

LEADERSHIP SKILLS	Dynamic Skills
- Create training content	- Complex problem solver
- Leading myself	- Innovation
- Strategic approach	- Collaboration
- Influence others	- Value people
- Delegating responsibility	- Listen with empathy
- Next step coaching	- Conflict resolution
- Multiplying myself	- Service-focused
- StrengthsFinder 2.0 assessment	- Public speaking
	- Fund-raising