

JOEY THORNBERRY

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College student interested in software development, data science, devops and cybersecurity.

EDUCATION

B.A. in Mathematics, Minor in Economics, Minor in Physics Expected May 2026
Christendom College
◇ 3.91 GPA

EXPERIENCE

Summer Associate May - August 2024
David Word Automotive, Inc. *Richmond, VA*
◇ Led website migration, saving 80% in yearly costs over previous infrastructure.
◇ Deployed, maintained, and documented EC2 instances.
◇ Wrote SEO-optimized copy to increase web search impressions by 20%.
◇ Provided technical support and maintenance for automotive diagnostic tools.

Math and Science Tutor August 2023 - Present
Christendom College *Front Royal, VA*
◇ Tutor all levels of Calculus and General Physics.
◇ Maintain deep knowledge of relevant equations, principles, and strategies.

PROJECTS

MIDI Editor Winter 2024
vimposer.org

- ◇ Created keyboard-controlled MIDI editor for Linux power users.
- ◇ Built and packaged desktop implementation running both Python and C code.

Static Site Generator Summer 2024
github.com/joeythornberry/blastmd

- ◇ Designed and built terminal-based blog engine in Haskell.
- ◇ Utilized SEO experience to empower search-engine aware content creation.

Word Processor Winter 2023
christendom.dev/cdomtex

- ◇ Developed Node.js writing tool to automatically compile academic papers to PDF.
- ◇ Wrote automatic templating that saves students time and effort formatting essays.

TECHNICAL STRENGTHS

- ◇ Comfortable in C, Haskell, Python, JavaScript, TypeScript, Kotlin, SQL, and HTML/CSS.
- ◇ Experienced webmaster with knowledge of AWS, Nginx, Docker, and DNS management.
- ◇ Strong mathematics and science skills; familiar with hardware fundamentals.

EXTRACURRICULARS

- ◇ **President**, Christendom College Coding Club. *christendom.dev*
- ◇ **Author**, TheStackTracer. *thestacktracer.com*