Bao Dinh

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CAREER OBJECTIVE

Looking to transition from the medical field into electrical and computer engineering, with special interest in analog electronics, 3D printing, and AI applications. Passionate about leveraging interdisciplinary experience to drive innovation at the intersection of healthcare and technology.

EDUCATION

Boston University - College of Engineering **Boston, MA**
Master of Science in Electrical & Computer Engineering *Expected May 2026*

Boston College – Morrissey College of Arts and Sciences **Chestnut Hill, MA**
Bachelor of Science in Biochemistry, Minor in Music *May 2021*

RELEVANT EXPERIENCE

DataAnnotation **Boston, MA**
Software Developer - AI Trainer (Contract) *Dec 2023 - Mar 2025*

- Train AI models to generate Python, Java, C++, and JavaScript code by creating diverse problems and solutions
- Evaluate code quality produced by AI models with emphasis on correctness, helpfulness, and harmlessness (not respond to any prompt that promotes self-harm, illegal activity, or overall unethical behavior)
- Create answers evaluated with correctness, helpfulness, and harmlessness rubric and code snippets to test AI chatbot model capabilities and implementation suggestions

SKILLS & INTERESTS

Programming Languages: Java, Python, SQL, HTML, CSS, Lua, C++, LaTeX, Verilog, JavaScript
Applications: Microsoft Suite, Google Suite, Canva, FL Studio 21, Django, AutoCAD, KiCad, Vivado, Arduino IDE, Onshape, Altium
Languages: English (Native); Vietnamese (Elementary), Spanish (Elementary)
Other Certifications & Training: Programming Graduate Certificate (HES), Basic Life Support (BLS), EMT-B

PROJECTS

Multi-Input Encoder | Logic Design | VGA *Aug 2024 - Dec 2024*

- Implement switches, buttons, and ADXL362 accelerometer on the Nexys A7 FPGA board to encode ASCII characters and use VGA display to provide interactive feedback and visualization.
- FPGA programming handled in Vivado using Verilog

Hybrid Intro Project | Rocket Propulsion Group (BURPG) *Aug 2024 - Dec 2024*

- Designed rocket engine, focusing on nozzle geometry
- Programmed Arduino Nano microcontroller to control firing sequence using C++ within Arduino IDE

OTHER EXPERIENCE

Beth Israel Deaconess Medical Center **Boston, MA**
Patient Care Technician *Jun 2021 - Aug 2022*

- Monitored patient activity and maintained safe environments to assist registered nurses
- Implement nursing safety interventions or use devices/equipment as needed under registered nurse supervision to ensure positive patient outcome

Boston College Hackathon **Chestnut Hill, MA**

- First Place Hardware Programming Team *Apr 2019*