Thomas Bui

Tech enthusiast with a strong background working in education. 8+ years in education, with 5 years spent teaching in Japan. Hobbyist programmer for many years using both python and C++. Self taught topics in the past year include computer graphics, web development, databases, machine learning, and compilers. Making a career transition into a software developement and engineering.

Website | https://tbui468-resume.netlify.app
Github | https://github.com/tbui468
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Skills

Professional	**Programming Languages**	**Technical**
Extensive experience as educator	C++ / CMake	Google Cloud / Heroku
Motivated self-learner	Python / Pytorch	Windows / Linux
Proficient in Japanese	Javascript / Node.js	Web development
Adaptable to new environments	HTML / CSS	Git / Github
Communicator and team-player	SQL	Postgresql

Education

B.S. in Electrical Engineering, specializing in digital signal processing
University of Washington (USA), 2009

- Comprehensive study of electronics, including computer hardware and low-level programming in assembly.
- Study of computer science topics, including data structures, algorithms, and objected-oriented programming.
- Strong foundation in applied math, including linear algebra, differential equations, statistics and probability.
- Worked part-time as local tutoring center for university students. Tutored other students in various pre-calculus courses.

Work Experience

Cofounder
LASEPS (VIETNAM), 2020-present

- Cofounded Logical Analyzing System for Enterprises, Products and Services (LASEPS), a digital marketing company.
- Procured main investment for starting the company

Medical Biller
Bolsa Medical Clinic (USA), 2018-2019

- Maintained medical facility to abide by US government safety standards.
- Updated software on all employee computers and laptops. Assisted office personnel with technical problems.
- Responsible for monitoring vaccine storage and safe handling for pediatric department.
- Enter and maintain medical billing records.

Assistant Language Teacher
Kure City Board of Education (JAPAN), 2012-2017

- Fully planned and taught elementary school English lessons.
- Assisted junior-high and highschool English teachers in conducting English lessons.
- As Kure City block leader for foreign English teachers from 2014, oriented new foreign teachers coming to Kure City and Hiroshima Prefecture.
- Organizer and presenter at yearly English teachers (both foreign and Japanese teachers) conference in Hiroshima Prefecture.
- Planned and lead city-run English lessons for Kure City employees.

Math Instructor
Best in Class Education (USA), 2010-2012

- Designed and created a 52-week algebra course for highschool students. Course included explanations, diagrams, problem sets and the corresponding solutions.
- Taught classes for various entrance exams, including SAT and ACT, to high school students.
- Wrote monthly articles on education topics for company website.

Certifications

Teaching English as a Foreign Language(TEFL)
140 hour course, 2015

Japanese Language Proficiency Test (JLPT)
Level 2, 2012

Personal Projects

See my website for a sample of some of my personal projects: https://tbui468-resume.netlify.app