

# 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 development and engineering.

**Website** | <https://tbui468-resume.netlify.app>

**Github** | <https://github.com/tbui468>

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## Skills

### Professional

Extensive experience as educator  
Motivated self-learner  
Proficient in Japanese  
Adaptable to new environments  
Communicator and team-player

### Programming Languages

C++ / CMake  
Python / Pytorch  
Javascript / Node.js  
HTML / CSS  
SQL

### Technical

Google Cloud / Heroku  
Windows / Linux  
Web development  
Git / Github  
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 / Assistant Manager

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>