Christopher **Bunn**

✉ cbunn@cbunn.com | 🏠 cbunn.com | cbunn81 | cbunn81

SOFTWARE AND WEB DEVELOPER

Skills

Backend	Python, PHP, SQL, Shell Scripting
Frontend	JavaScript, TypeScript, React.js, Next.js, Redux
Other	Git, Docker, Linux, REST, GraphQL

Work Experience

Software Developer / English and Programming Teacher *July 2016 - Present*
5STAR ENGLISH *Tokushima, Japan*

- Developed software applications to automate material generation, saving employee time, using Python and HTML/CSS.
- Developed a full-stack web application to test students using Python (Django) and JavaScript (React).
- Automated administrative processes through Google Apps Scripts.
- Customized, implemented and administered an open source video conferencing system to enable remote lessons with integrated whiteboard, chat and video player, enabling an expansion of the business to remote students, increasing revenue.
- Developed a programming curriculum using Scratch for elementary school students, including a full year of projects and the training of other teachers, which expanded the business beyond only English lessons.

Recent Projects

ECATS Test *https://github.com/globallabo/ecats-test*
Python, Django, JavaScript, React, Redux Toolkit, RTK-Query, Material UI, PostgreSQL, Docker
A full-stack web app to test students on English grammar using multiple-choice questions.

Elite Curriculum Generator *https://github.com/globallabo/elite*
Python, Google Sheets, HTML, CSS, Jinja
A command-line application that can easily generate a full set of PDFs for a business English curriculum with a standard template and content pulled from Google Sheets. It allows non-technical team members to edit the content of lessons without any code.

Elite Business English Curriculum Website *https://github.com/globallabo/elite-website*
HTML, SCSS
A custom landing page for the Elite Business English curriculum. A design was given as PDF and the web page was developed from scratch using HTML and CSS/SCSS.

Eikenvocab Flashcard Generator *https://github.com/globallabo/eikenvocab*
Python, Google Sheets, HTML, CSS, Jinja
A command-line application that can easily generate a set of vocabulary flashcards for Japanese students studying to take standardized English exams. It scrapes publicly-available previous exams, ranks words by frequency, creates hiragana translations for students using public translation/transliteration APIs and outputs them to PDFs for use as study flashcards.

Education

B.A. in Biological Sciences *August 1999 - May 2003*
UNIVERSITY OF DELAWARE *Newark, Delaware*