

ALBERT LUFT

Software Engineer / Illustrator

CONTACT

E-MAIL

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PORTFOLIO

twiggeh.xyz

SKILLS

PROGRAMMING LANGUAGES

JavaScript ES2020

TypeScript

CSS3

Bash

C# 8.0

Python 3.7

FRAMEWORKS / LIBRARIES

React 17

Mongoose

Express

PassportJS

TEMPLATING

Handlebars

EJS

HTML5

OS

Linux

Windows

LANGUAGES

German : Native (C2)

Russian: Native (C2)

English: Fluent (C2)

Spanish: A2

Latin (Großes Lateinum)

PROGRAMMING EXPERIENCE

SC2 REPLAY DISCORD BOT

- 100% Uptime
- Written in a functional, stateless style
- Implements mutexes* to enable multiple people to work on the same dataset without allowing them to interfere with each other.
Also orders discord's api messages into the correct chronological order.

**Mutexes are usually used in multi threaded applications to allow asynchronous access of the same data to multiple worker threads without running into the risk of giving out of date data to a thread.*

VARIOUS STATIC WEBSITES

DISCORD SWISS-KNIFE BOT

- Provides a feature complete, up to date, easily ingested discord api data abstraction layer.
- Format output to consolidate humans, Handlebars, and JS instances
- Easily extensible data manipulation, aggregation, and visualization

PROGRAMMING PROJECTS

CUSTOM WEBSOCKET ADAPTER

- Initializes 500% faster than Socket.io
- Same Api abstraction as Socket.io
- Hook component for ReactJS

PLUGGABLE SOCIAL MEDIA MANAGER

- Manage all social media from one page

TWITCH VOD TRIMMER

- Automatically edits videos based on timestamps

ARTISTIC EXPERIENCE

MULTIPLE STUDENTS

See their gradational artwork on twiggeh.xyz/art

MASCOT SPLASH SCREEN ART

Stealthily branded Mascot Splash Art that is designed be printed on garnets
See it on twiggeh.xyz/art#ph_bird

MISCELLANEOUS EXPERIENCE

SERVICING / INTEGRATING SYSTEMS

- Repairing Windows 7 - 10 Installations
- Configuring and building systems optimized for Content Creation / Gaming

TEACHING AT A SCHOOL

- School assignment to gain real world experience (Boogie)

EDUCATION

OFFICIAL

- Albeck Gymnasium Sulz - grade: 2,4 (Range 1-6, 1 being the best)
- Princeton University Algorithms I & II (Coursera)

UNOFFICIAL

- The entirety of Strange Loops
- Vanilla Js, MERN, HTML & CSS Udemy courses by Brad Traversy
- Notable Books:
 - You don't know JavaScript
 - Software Abstractions - Logic, Language and Analysis
- Pluralis Maiestatis