

Joshua Alexander

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Education

Acadia University

BSC. IN COMPUTER SCIENCE
GPA: 3.8

NS, Canada

2016 – 2020

Professional Experience

Digital Innovation Lab AG

Remote (Switzerland)

FULL STACK DEVELOPER

11/2022 – 10/2025

- Fullstack engineer working in Typescript, Next.js, React Native, Prisma, PostgreSQL, ShadCN / TailwindCSS, XState, Playwright & Jest, Nest.js, Remix, Docker and more...
- Developed a banking webapp for FICOs to gather data and display a report in order to better serve small businesses for bekb.ch
- Implemented a process history table to log changes to financial processes for Bexio.
- Developed the front-end and back-end for a car-selling wizard site at autobuster.ch/
- Implemented many pages related to privacy policy detection and cookie blocking in www.privacybee.io/
- Developed Android and IOS app using React Native for freshtrade.ch/
- Created a recipe data-to-PDF printing azure microservice found on every recipe at bettybossi.ch/
- Implemented a procedural wizard to operate the embedded UI for a metal-based 3D printer for a-metal.com/
- Made hundreds of E2E tests using Playwright for every single project

Exoriens GmbH

Remote (Germany)

FULL-STACK DEVELOPER

10/2021 – 12/2022

- One of three Full-stack developers using a Javascript, React, Node.js, Express, and PostgreSQL tech stack
- Provided full-stack features on a medical dashboard using Ant Design and Strapi.
- Wrote Automated tests using Cypress and Jest to ensure quality
- Managed Tasks, User Stories, and Requirements on Jira in a pseudo Project Manager role
- Worked in an Agile Scrum environment with daily remote stand-ups.
- Launched the dashboard successfully, is used by hospitals around Germany

Acadia University

Wolfville, Canada

OPERATING SYSTEMS TEACHING ASSISTANT

09/2019 – 01/2020

- Marked and commented Operating Systems coding assignments written in C for a UNIX system.
- Marked 22 assignments every 1.5 weeks while studying as a full-time student.
- Provided line-by-line comments to each student's coding assignment.
- Assignments focused mainly on multi-threading in C.

Skills

Frontend: Next.js, React, React Native, Typescript, ShadCN, Chakra, Deno, Vite, Zustand, Remix, Tailwind

Backend: Node.js, Express, Nest.js, Prisma, Javascript, Drizzle, PostgreSQL, Zod, Golang

Tools & Testing: XState, Playwright, Jest, Docker, Git, Jira, Customer.io, Posthog, Biome

Other Skills: Native English Proficiency, LaTeX, Excel, UNIX

Personal Projects

Personal Website

A PORTFOLIO WEBSITE WRITTEN FOR ME, BY ME.

Typescript, Next.js

www.joshalexander.it.com

Lichess2Chess browser Extension

Javascript

A FIREFOX AND CHROME EXTENSION TO SEE THE EQUIVALENT ESTIMATED CHESS.COM

ELO RATING WHILE PLAYING ON LICHESS.ORG. 256+ WEEKLY USERS ACROSS ALL BROWSERS.

www.github.com/JoshuaAlexanderNeo/Lichess2Chess