Joshua **Alexander**

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Education

Acadia University *NS, Canada*
BSc. in Computer Science *2016 – 2020*
GPA: 3.8

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, Javascript, ShadCN, Vite
Backend: Node.js, Express, Nest.js, Remix, Prisma, Drizzle, PostgreSQL
Tools & Testing: XState, Playwright, Jest, Docker, Git, Jira
Other Skills: Native English Proficiency, LaTeX, Excel, UNIX

Projects

Personal Website *Typescript, Next.js*
A portfolio website written for me, by me. *www.joshalexander.it.com*

Lichess2Chess browser Extension *Javascript*
A Firefox and Chrome extension to see their equivalent Chess.com ELO rating
while playing on Lichess.org. 256+ installs across all browsers. *www.github.com/JoshuaAlexanderNeo/Lichess2Chess*