

Jonny Schult

Description:

Friendly and focused freelance software engineer who excels at lateral thinking, conceptual analysis, and problem solving.

Contact: 219-561-6806, jonathon.schult@gmail.com

Links: [Portfolio](#) [LinkedIn](#)

Education:

Eleven Fifty Academy, Web Development Immersive Learning Program, Indianapolis, IN, December 2020

- Immersive learning program for Web Development taught with industry-guided curriculum, real-world project-based learning, and 500+ hours of logged coding time and training

University of Wisconsin-Milwaukee, Master of Arts in Philosophy, Milwaukee, Wisconsin, May 2016

- 2 year program culminating in a thesis on the philosophy of science with a focus on language and the semantics of truth as informed by historical and contemporary American Pragmatist thinking

Bethel University, Bachelors of Arts in Philosophy, Bachelor of Arts in Biblical Literature, Mishawaka, IN, April 2014

- Double major in philosophy, focus on philosophy of religion and philosophical theology, and biblical literature, with focus on critical historical method and language study in Koine Greek and Ancient Hebrew

Competencies & Functional Skills:

Problem solving, troubleshooting, creativity, visual and oral communication, customer service, critical observation and thinking, organization, Agile methodology, portfolio development, addressing and resolving technical challenges

Technical Skills:

Languages: JavaScript, TypeScript, HTML, CSS, SQL

Databases: PostgreSQL, MySQL, DynamoDB

Web Tech: React, Node.js, Bootstrap, CSS.Modules, SASS, Chartjs, AWS/Heroku/Firebase/GitHub Deployment

Version Control: Git, GitHub

Technical Projects:

R.S. Drumming Studio: [Backend](#), [Frontend](#), [R.S. Drum Studio link](#)

- Utilizes React, SASS front end with a Node, DynamoDB backend. The app is written in TypeScript. It is designed to meet the business needs of a local musician who gives face to face drum lessons, but was also looking to assign lessons and homework, share videos, GrooveScribe links (drumbeat software) and drum sheets, take and track payments and market his services online. The site is mobile first. Style preferences were the clients.

RunnerSheets web app: [Front End Repo](#), [Back End Repo](#), [Deployed Demo](#)

- Utilizes React, CSS 3, ReactStrap, Chartjs, Node.js, PostgreSQL, Sequelize, Express.js, JWT and Bcrypt. Prototype of a run data collection and sharing tool. Integrated with Fitbit.

Small Aircraft electro-expulsive deicing mechanism: Ongoing

- Microprocessor programmed as controller for expulsive deicing mechanism. Controls charging and discharging of capacitor, fault logic for various possible system failures.

Professional Experience:

Freelance Web Developer, February 2021-present

- Design and deploy fullstack web apps.

Freelance Embedded Software Engineer, January 2021-present

- Programming microprocessors to control aircraft deice mechanisms

Ethics Teacher for Senior Capstone Class, La Lumiere School, LaPorte, IN, January 2017 – June 2020

- Built and implemented a philosophy curriculum centered around ethics and social issues
- Built and implemented a symbolic logic (sentential logic) curriculum to encourage analytical and rigorous thinking

Philosophy Professor, Ivy Tech, South Bend, IN, August 2016-December 2016

- Taught ethics and philosophy 101

Philosophy Teaching Assistant, University of Wisconsin-Milwaukee, Milwaukee, WI, August 2014-May 2016

- Met weekly with students to elucidate sentential and predicate logic, modern philosophy, and ancient/medieval philosophy

Achievements & Awards:

- EFA Core Value Award: Quality (Awarded to student who consistently turned in high quality/exceeding expectations work and challenged colleagues to push themselves)
- Merit based tuition remission plus stipend to study philosophy of science and philosophy of language at UW-Milwaukee