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📞 (608) 327-9816

📍 Madison, WI

🔗 timruesink.com

in linkedin.com/in/tim-ruesink

github.com/TRuesink

Technical Skills

React

Javascript

HTML

CSS

Usability Design

Technical Communication

Golang

Python

SQL

Dev Ops

Interests

🚵 Mountain Biking

⛷ Skiing

🎸 Guitar

🎒 Backpacking

Tim Ruesink | *Senior Software Engineer*

I am a self-taught, customer-focused software engineer with 2+ years experience developing applications for a unique set of industries. I possess a fullstack engineering skill set with expertise in usability design and front end technology. WIth my experience in sales, I consistently leverage my communication skills and business sense to lead cross-functional projects, and write useful, usable code. I'm confident I can make valuable contributions and drive business growth for any company looking for customer-focused design and development.

Experience

Senior Software Engineer | DataChat
4/2022 - present
- Create low - high fidelity mockups for business-critical software features; Present to internal and external stakeholders.
- Develop production-level full stack code in React (javascript), Golang and python.
- Write integration services for hubspot (third-party marketing) and stripe (third-party pricing).
- Manage and lead cross-functional teams to deliver modern data analytics features using AGILE software methods.

Product Development Engineer | Calimetrix
5/2021 - 3/2022
- Designed, developed and documented low-code business applications including inventory, order and customer relationship management.
- Developed pricing strategy based on customer profiles and previous product data.
- Aided in establishing a compliance program to serve international customers.

Sales Engineer | Plastic Ingenuity
9/2019 - 5/2021
- Designed custom applications to automate business processes using Salesforce.
- Managed high value opportunities in the custom packaging industry, with an average deal size of $500,000.
- Delivered proposals to target customers, designed and delivered marketing campaigns.

Research Assistant | University of Wisconsin - Madison
9/2017 - 9/2019
- Conducted research projects in the field of cardiovascular fluid dynamics, culminating in a first-author publication on the application of 4D flow MRI for analysis of cardiovascular heart disease.
- Analyzed large MRI datasets, both patient and experimental, resulting in increased adoption of quantitative MRI tools.
- Presented a novel algorithm for assessing arterial stiffness, as evidenced by 5 conference presentations and a peer-reviewed publication.

Education

University of Wisconsin - Madison | M.S in Mechanical Engineering
GPA: 3.85 / 4.00
May 2019

Western Michigan University | B.S. in Mechanical Engineering
summa cum laude
December 2016