BEN SCHOLER

Seeking Sr. Software Development Position

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WHY YOU SHOULD CONSIDER ME

- 10+ years of experience Wide range of technical expertise Proactive Strong communicator
- Positive disposition Love problem solving Naturally curious Great employee (see recommendations)

EDUCATION

Purdue University, West Lafayette, IN

- Class of 2020, BS in Computer Information Technology, Professional Writing minor
- University Lutheran Church: President (2018-2019), Social Chairman (2018, 2020), Vice President (2017)
- Beta Sigma Psi Fraternity: Social Chair, PR Chair, Brotherhood Chair, Recruitment Board, Chaplain

PROFESSIONAL EXPERIENCE

Purdue Joint Transportation Research Program • West Lafayette, IN

Software Engineer • January 2021-Current

• React • TypeScript • Docker • Python • Big Data • GIS • Google Cloud Platform • Introducing and implementing DevOps CI/CD and GitHub • Stakeholder interaction • Building innovative tools to visualize traffic • Developing and researching traffic technology for DOTs • Building micro-services to save researchers' time

Purdue Engineering Computer Network • West Lafayette, IN

Full Stack Development Intern • February-December 2020

- C# MVC Web development Node.js Designing and developing an internal web app
- Accelerating and transforming the process of deploying new computers
 Implementing better Git practices
- Centralizing deploy checklists Developing Slack bots to streamline ticket resolution

Hardware Technician Intern • August 2019-February 2020

- Proactively resolved computer issues Creatively found solutions to issues
- Communicated with users and coworkers to diagnose computer problems

Nucor Fastener • St. Joe, IN (Greater Fort Wayne Area)

Systems Administration Intern • May-August 2019

- PowerShell scripting Automated tedious systems administration tasks Reduced downtime for employees
- Educated individual employees about Windows 10 functionality Documented workflows for future IT employees

Nucor Buildings Group • Waterloo, IN (Greater Fort Wayne Area)

Full Stack Development Intern • May-August 2018

- C# MVC Polymer (web elements) Azure Designed and developed an internal web app
- Implemented a new org chart database, improving on SAP Simplified employee timecards and time-off requests

Purdue Agricultural and Biological Engineering • West Lafayette, IN

Web Development Intern • January-December 2017

• Web Development • SQL • Developed the Indiana Water Monitoring Inventory website • Incorporated modern web development techniques • Delivered a seamless experience for users • https://tinyurl.com/y2n6pckw

The Schneider Corporation • Lawrence, IN (Greater Indianapolis Area)

Development / GIS Intern • May-August 2017

- SQL Python C# ArcGIS Automated database tasks Simplified data retrieval, import and export
- Standardized and normalized very large databases

TECHNICAL SKILLS

Programming Languages: Web (JS/TS, HTML, CSS) (6 years), Python (6 years), Java (8 years), C / C++ / Arduino (7 years), C# (3 years)

Database: Google BigQuery (1 year), PostgreSQL (1 year), SQL Server/T-SQL (6 years), Microsoft Access (6 years)

Frameworks and Libraries: React (1 year), Flask (1 year), Pandas/Numpy (1 year), web extensions (4 years), .NET Core (1 year), Razor Pages (1 year), EF Core (1 year), Express.js (3 years)

Design and IDEs: JetBrains IDE Suite (10 years), Arduino IDE (8 years), Visual Studio w/ ReSharper (5 years), VIM (5 years)

Operating Systems: Windows (15 years), UNIX (10 years)

Administrative Software: Retool (1 year), Windows administration tools (GPO, WSUS, SCCM) (2 years), PDQ Inventory/Deploy (1 year)

NOTEABLE PROJECTS

Raspberry Pi Kubernetes Cluster: K3S cluster build with Raspberry Pi computers.

<u>Weather Station</u>: Frontend and backend API for a Raspberry Pi weather station, using Express and Bootstrap

<u>Boiler Key Extension</u>: Browser extension that acts as a workaround to the Purdue two-factor authentication system

Revised 2021/09/10