

Nick Giegerich

Programmer

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Profile

Currently working as a freelance software developer building a range of products from simple websites to robust data applications. With 5+ years of experience in various programming languages I have spent the last couple years focusing on developing web applications using the Laravel Framework. Prior to working in Laravel I almost strictly worked with Java doing Object-Oriented-Programming (OOP) which is the foundation for my experience.

Education

- **Bachelor of Science – Computer Science (in-progress)**
 - College of Southern Idaho (CSI)
 - Boise State University (BSU)
 - Western Governor's University (WGU)
- **Industrial Technological Research Institute (ITRI) – Internship**
 - In the summer of 2018 I interned at ITRI as part of the inaugural Boise State Global Biz-Tech Program.

Work Experience

- **Freelance Software Development** 2019-present
 - Deployed an in-house LAN web applications for mining operations and logistics at Langlois mine in Lebel-sur-Quévillon Quebec.
 - Currently pending deployment at Myra Falls, British Columbia.
 - Front end: JavaScript, JQuery, and Bootstrap 4
 - Back end: PHP and SQL Server
- **Web Development** 2018-present
 - Developing and maintained the Global Biz-Tech webpage for Boise State University.
 - Designed and developed multiple small business websites for local Idaho companies

- **Industrial Technology Research Institute (Hsinchu, Taiwan) 2018**
 - Working as an intern in the thermal engineering department I was able to get my hands on two projects
 - Project 1 – I utilized my MatLab experience to develop a Calculator for measuring the efficiency of chip/board/system level electronics, with a focus on the cooling systems.
 - Project 2 – Working closely with an engineer I was able to get experience using Python to learn more about Deep Learning with a focus on Convolutional Neural Networks

Skills

- Project Management, leadership, communication, and customer service
- Programming Languages: Java, PHP, Python, C, MatLab, JavaScript, and JQuery
- Database Languages: SQL, MySQL, and SQLite
- Networking: Configuring IIS on LANs
- Operating Systems: macOS, Microsoft Windows, and Linux
- Version Control: GIT and SVN
- Frameworks: Django (Python) and Laravel (PHP)

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