Nathan Mackenzie

📞 207-841-5939 📍 Bowdoinham, ME ✉️ nathan.mackenzie@cognex.com

🖥️ natemackenzie.com 🖥️ github.com/NathanMackenzie

EDUCATION

2015 - 2019

B.S. Mechanical Engineering

University of Maine

Graduated Cum Laude

SKILLS

Languges	Frameworks/Libs
Java	JavaFX
C++	SQLite
JavaScript	jQuery - AJAX
Visual Basic	.NET
Swift	SwiftUI

Systems/VCS	Network Protocols
Linux (Ubuntu, Kali)	TCP/IP
Mac OSX	EthernetIP
Windows	RS-232
Git/Github	Profibus

CERTIFICATIONS

2020 - Present

Engineer-in-Training (EIT)

State of Maine

Board of Licensure for Professional Engineers

WORK EXPERIENCE

Aug 2019 - Present

Logistics Field Service Engineer

Cognex Corporation, Natick, Massachusetts

- Installation & commissioning of machine vision solutions
- Write JavaScript programs to achieve application objectives
- Set up and troubleshoot Ethernet and serial networks
- Train and mentor external engineers in product applications
- Provide remote support to engineers and customers

May 2018 - Aug 2018

Manufacturing Engineer Intern

Nestle Waters, Poland Spring, Maine

- Wrote and managed LEAN blowmolding preventative maintenance schedules
- Utilized a DMAIC improvement cycle to achieve increased production line efficiency

Dec 2015 - May 2016

Undergraduate Research Assistant

UMaine Advance Manufacturing Center, Orono, Maine

NASA HIAD research Project

- Performed data collection of ballistics testing on inflatable bladder material candidates
- Constructed graphical analysis of reduced experimental data