

Nathan Rich
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Address:
Buxton, ME 04093

Education

University of Southern Maine, Portland, ME

May 2020

Major: Computer Science (BS)

Relevant Coursework: Design of Computing Algorithms, Software Project Management, Operating Systems, Machine Learning, Database Systems, Systems Programming, Object-Oriented Design, Data Structures, Project Management, Technical Writing, Public Speaking, Calculus A, Discreate Math 1 & 2.

Kents Hill School, Kents Hill, ME

May 2014

Experience

Software Engineer, Yale Cordage, Saco, ME

Jan 2020 – Present

- Designed and deployed web apps using React, Nodejs, and MySQL/SQL Server databases.
- Created custom rope testing software using Python (Tkinter, Matplotlib, and MySQL).
- Created custom reporting tools from data gathered from an ERP system.
- Maintained and updated web apps, software, and reporting tools.

SQL Database Intern, Yale Cordage, Saco, ME

Jul. 2019 – Jan 2020

- Designed and deployed software for Raspberry Pi's to collect machine data.
- Designed, wired, setup, programed, and deployed Raspberry Pi's and Arduinos.
- Created MySQL and Influxdb databases for many different data sources.

IT/Software Developer Intern, BaselineES, Yarmouth, ME

May 2016 – Oct 2018

- Designed and developed automation software in multiple programming languages.
- Created and deployed web apps using React, Nodejs, and PostgreSQL databases.
- Demonstrated software and deliverables to clients and stakeholders.
- Maintained and updated software.

Skills

Bootstrap	CSS	Electron	Express	GitHub
HTML	Linux	Java	JavaScript	JSON
Node.js	MS Office	MySQL	Postman	Python
React	RESTful API	SQL Server	Visual Studio Code	Windows