NATHAN RICH

CONTACT

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(207) 557-4350

Buxton, ME

nathan-sl-rich

EDUCATION

B.S.
Computer Science
University of Southern Maine
May 2020
Portland, ME

SKILLS

Programming Languages / Frameworks

JavaScript
Python
Node.js
React.js
Express.js
HTML / CSS
JSON
RESTful API's

Databases

MySQL / SQL Server / BigQuery
MongoDB / InfluxDB

Tools and Software

Agile / Scrum
Git / GitHub
Jira / Asana
Google Cloud
Linux / Unix
Windows

WORK EXPERIENCE

Senior Software Engineer

Perceptly

June 2022 - June 2023 / Remote, US

- Designed, developed and maintained full stack web app using MERN + BigQuery.
- Designed, developed API connections (OAuth) to Facebook, Google, and TikTok accounts.
- Responsible for designing and developing payment collection via Stripe's API.
- Designed, developed and deployed automation software for data collection from various API's using Python and Nodejs.
- Created and maintained databases and cloud storage (Google's BigQuery + Cloud Storage and MongoDB).

Software Engineer

Yale Cordage

Jan 2020 - June 2022 / Saco, ME

- Designed and deployed web app 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

July 2019 - Jan. 2020 / Saco, ME

- Designed, wired, programmed, and deployed Raspberry Pi's and Arduinos to collect machine data.
- Created databases using InfluxDB and MySQL for machine data.

IT/Software Developer Intern

BaselineES

May 2016 - Oct 2018 / Yarmouth, ME

- Designed and developed automation software in multiple programming languages.
- Created and deployed web apps using React, Nodejs, and PostgreSQL databases.