Nicholas Szczepura

Software Engineer

55 Belleview Dr
Derby CT, 06418

203-751-3299
nszcz@protonmail.com

Education

University of Massachusetts / BS Computer Science

2017 - 2021 (Expected) Amherst, MA

Web Programming
Natural Language Processing
Mathematical Statistics with Applications
Data Management

Skills

Languages: Python, Javascript, C++, C, HTML, CSS

Database: PostgreSQL, MongoDB

General: NodeJS, Pandas, scikit-learn, PyTorch, Bootstrap, Photoshop

Experience

Freelance

2019-Present

Web scraping app to extract data from legal database, speeding up lead generation over 1000%

Automated office scheduling desktop app, allowing a local business to more easily schedule and track employee hours

Projects

Web Development

Co-developed a dynamic, secure website from scratch. The site allowed users to easily generate stats about their investment portfolio. Made using Javascript(Node.js), HTML/CSS, and PostgreSQL

Natural Language Processing

Predicted daily changes in stock prices using sentiment-labeled twitter data. Achieved accuracy ranging from 45-70% depending on the stock.

Embedded Systems

Self-balancing robot controlled using LPC1768
CNC milling machine controlled using Arduino

Sites

https://nszczepura.github.io/

https://github.com/nszczepura/