Nicholas Farkas

Contact & Connect

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Education

Master of Science: Computer Science - Concentration: Autonomous Vehicles
(Graduation: May 2024)
Bachelor of Science: Computer Science
Minor: Statistics
(Graduation: May 2023)
- Wayne State University – Detroit, MI

Associates of Arts: Liberal Arts
(*Graduated: 2020*)
- Henry Ford College – Dearborn, MI

Skills

Front End Web Development: HTML, CSS, JavaScript, jQuery, Angular (TypeScript), Tailwind CSS, SCSS, Webpack, Material Design, Rocket Design System

Backend Development: NodeJS (Typescript), .Net Core (C#)

Data Science: Python Scripting, R Scripting, Statistical Analysis, Data Pre-Processing, Supervised Learning

Database: SQL language, SQL Lite, MySQL, AWS RDS, Access, Mariah Db, Salesforce Marketing Cloud CRM, Snowflake

Version Control/ CI/CD: Git, GitHub, Circle Ci, Amplify

AWS Products: AWS CLI, AWS Console, CloudWatch, S3, Amplify, Route 66, RDS, EC2, IOT 1-Click

Microsoft Office Suite: Word Specialist Certification, Excel Specialist Certification

Relevant Work Experience

Database Administrator Intern
Rocket Central (Fall 2022-Present), Detroit, MI
- Creating VBA automations to streamline Cherwell ticket processing.
- Creation of SQL scripts for database reporting and analytics to monitor server health.
- Carrying out team member database infrastructure enablement through SQL on prod databases.

Full Stack Engineer Intern
Rocket Central (Summer 2022-Fall 2022), Detroit, MI
- Developed rich UI experiences using Angular to deliver a simplistic and beautiful solutions for team member enablement.
- Created backend solutions using NodeJS to improve API performance.
- Worked on a small team to develop smart contracts and a UI using Angular, Solidity, and the Ethereum Blockchain to create custom DALLE generated NFTs.

Front End Engineer Intern
Rocket Mortgage (Summer 2021-Fall 2021), Detroit, MI (Remote)
- Developed rich UI experiences using Angular and Material Design to deliver a simplistic and beautiful solutions for internal business problems.
- Created backend solutions to plug into UI using C# .Net Core.
- Worked with team of interns to create a Microsoft Teams bot utilizing C# and Microsoft Developer tools to track punch times for hourly team members.

Salesforce Engineer Intern
Quicken Loans/Rocket Mortgage (Summer 2020-Fall 2020), Detroit, MI (Remote)
- Querying, modifying, and creating data tables in Salesforce Marketing Cloud using SQL to manage client relationship data.
- Salesforce Marketing Cloud email testing and template creation using Postman before campaigns were sent to clients.
- Assisted marketing team with email campaign technical challenges in Salesforce Marketing Cloud.

Backend Engineer Intern
Quicken Loans/Rocket Mortgage (Summer 2019-Fall 2019), Detroit, MI
- C# .Net Core backend development for many different internal applications.
- Head of UX design with a team of 12 interns to create an internal education tool for new team members.
- Presented iteration recaps that showed our business partners and higher management what features have been deployed and what they can be expecting to see in the future.

Other Work Experience

Sortation Associate
Amazon (Fall 2019 – Summer 2022), Brownstown, MI

Administrative Assistant
ATS Advisors (Summer 2017 - Summer 2019), Allen Park, MI