

## Contact & Information

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- <https://github.com/nickwfarkas/>
- <https://www.nicholasfarkas.link/>
- References Available Upon Request

## Education

**Master of Science @ Wayne State University – Detroit, MI**  
(Graduation: May 2024)

- **Major:** Computer Science
- **Concentration:** Autonomous Driving

**Bachelor of Science @ Wayne State University – Detroit, MI**  
(Graduation: May 2023)

- **Major:** Computer Science
- **Minor:** Mathematical Statistics

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

- **Major:** Liberal Arts

## Skills

### Front End Web Development:

HTML, CSS, Vanilla JavaScript, Angular (TypeScript), Tailwind CSS

### Backend Development:

NodeJS (Typescript), .Net Core (C#), Flask & FastAPI (Python)

**Data Science:** Python Scripting, R Scripting, Statistical Analysis, Data Mining, Unsupervised/Supervised Learning Techniques

**Database:** SQL Server, SSIS, Salesforce Marketing Cloud CRM, Microsoft Access

**Version Control:** Git, GitHub

**AWS Products:** Lambda, Elastic Beanstalk, LightSail, Dynamo Db, CloudWatch, S3, Amplify, Route 66, CodePipeline, Rekognition, RDS, EC2

**Microsoft Office Suite:** Word Specialist Certification, Excel Specialist Certification

# Nicholas Farkas



## Relevant Work Experience

### Database Administrator Intern

*Rocket Central (Fall 2022-Present), Detroit, MI*

- Creation of SQL scripts and SSRS reports for database reporting and analytics to monitor server health.
- Data Mined SQL Databases to identify end of life ETLs to improve health and performance.
- 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 and Rocket Design System to deliver 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 mortgage bankers.
- 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*