

# HUNTER CARVER

Austin, Texas 78754 • (361) 946-7678  
.NET/React/NextJS Full-stack Software Engineer  
~2.5 years of professional experience

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## SKILLS

- C++ / C# / C
- Version Control/Git/GitLab/GitHub
- .NET Core Web API
- CI/CD / DevOps
- HTML/CSS
- Bootstrap/Mantine/vev
- .NET MAUI/Xamarin
- JavaScript/NodeJS/TypeScript
- Python
- JSON/XML/YAML
- SQL/Stored Procedures/EF
- MQTT/ActiveMQ
- CLI/UNIX commands
- ASP .NET Core MVC
- SNYK/Vulnerability remediation
- CesiumJS/ArcGIS
- ReactJS/NextJS
- Java
- xUnit/Unit testing
- NodePM/NuGetPM
- Microsoft Azure

## WORK EXPERIENCE

### Software Engineer I / Dell Technologies, Round Rock, Texas

08/2023 – Present

Backend Software Engineer on the Customer Integration Layer Microservices team | Part of the ITDP (IT Development Program, a rotational program for new grads)

- Remediated 100+ vulnerabilities across all my teams' repositories. Reduced total vulnerabilities reported locally to 0%
- Increased total code coverage of the Customer Integration Layer Microservices team's main repository from 66% to 90% by writing 100+ unit tests
- Implemented multiple new DevOps jobs to our CI/CD pipeline with capabilities such as vulnerability detection, branch retrofit automation, and inclusive language detection
- Implemented required feature updates to our CRUD endpoints within our microservices
- Enhanced the performance, security, and maintainability of my team's repositories by upgrading from .NET 6 to .NET 8

Full-Stack Software Engineer for the Customer Primary Data team | Part of Dell Digital's Customer Innovation Council

- Implemented the CI/CD pipeline for the teams AI application
- Participated in discussions on ways to innovate the Customer organization

Member of the Dell Digital NA CIO Regional Council – Career Pillar | This council plans career-oriented events in North America for the Dell Digital organization

- Assisted in the planning of events such as "Pancakes with leaders" and the "2nd Annual Live Cooking Show"

### Software Engineering Intern / Texas A&M University Corpus Christi Lone Star UAS, Corpus Christi, Texas

10/2021 – 05/2023

Full-Stack Software Engineer | This was a co-op position that I worked alongside attending University for >1.5 years

- Created a .NET MAUI cross-platform mobile application for the organization that when enabled on an employee's phone, sends their location via MQTT to be visualized in our situational awareness tool. This mobile application worked as a background process to constantly publish location data. Location transmission is enabled and disabled at the press of a button.
- Proposed and implemented a mission critical UAS status page that displays the live critical information of all active UAS aircrafts such as battery %, ground speed, and altitude. This page had custom alert capabilities that a user could set thresholds for max speed, max altitude, min altitude, and min battery %. The thresholds could be set both globally and per aircraft, and these thresholds could be saved to a cookie. When a threshold was hit, the UAS information for that aircraft would turn red and a toast would appear with an appropriate danger message.
- Pair-programmed on the creation of an MQTT client logging system to log all topics published to our ActiveMQ server along with a replay system to replay any selected message. Both the logging and replay systems utilized multi-threading.
- Created a NodeJS server application to receive a configuration message from our web application to then produce and publish the requested amount simulations for each simulation type specified from the configuration received to be sent to our situational awareness tool.
- Created a new ASP.NET Core MVC web application with Authentication / Authorization / Impersonation capabilities using Microsoft Identity and Entity Framework.
- Created database modification and visualization capabilities in our web application by creating stored procedures, endpoints in our internal RESTful API, and calls to those endpoints.

### Owner / Carver Tech LLC

02/2022 – Present

- Built and maintained a 240 MH/s cryptocurrency mining rig to validate the Ethereum blockchain via the proof of work consensus protocol.
- Created a Review management system with a dashboard that tracked every review for companies 1-n from their chosen source (TripAdvisor, Facebook, Yelp and Google) and allowed the user to generate a custom, AI-generated response, for each review. Video explanation can be found here:  
<https://huntercarver.com/#/projects>

## EDUCATION

### Bachelor of Science, Computer Science, Concentration: Systems Programming, Accreditation: ABET / Spring 2023 – Graduated

Texas A&M University Corpus Christi, Corpus Christi, Texas

- Upper-level Computer Science courses taken: Object-Oriented-Programming: A, Internet Programming: A, Systems Programming: A, Capstone: A, Introduction into Artificial Intelligence: B, Algorithms: A, Software Engineering: B, Numerical Methods: B, Image Processing: B, Theory of Programming Languages: B, Intro to Database Systems: B, Operating Systems: B, Computer Networks: B, Software Project Management: A, Survey of Programming Languages: B, Cyber Security: C, Cryptography: B, Technical and professional writing for Computer Science: B, Applied Probability and Statistics: A, and Skills for Computing Professionals 1: B and 2: B.

### Associate of Science, Computer Programming / Spring 2021 – Graduated

Del Mar College, Corpus Christi, Texas

- Founding President of the Del Mar College Computer Science Club
- President of Phi Mu Alpha Kappa Chi
- Inducted into the Del Mar College Hall of Fame in Spring of 2021