

HUNTER CARVER

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.NET Full-stack Software Engineer
Willing to relocate / work remote

SKILLS

- C++ / C# / C
- Version Control/Git/GitLab/GitHub
- MATLAB
- ASP.NET Core MVC
- HTML/CSS
- Bootstrap
- .NET MAUI/Xamarin
- JavaScript/NodeJS
- Python
- JSON/XML
- SQL/Stored Procedures/EF
- MQTT/ActiveMQ
- CLI/UNIX commands
- .NET5/.NET6
- Docker
- WinForms
- ReactJS/Vue.JS
- Java
- Jest/Unit testing
- NodePM/NuGetPM
- Microsoft Azure

WORK EXPERIENCE

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

10/2021 – Present

- 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. Location transmission is enabled and disabled at the press of a button.
- 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.
- 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.
- Increased system health awareness by implementing Prometheus, a system health check, to the organization's web application.

Owner / Carver Tech LLC

02/2022 – Present

- Built and maintaining a 240 MH/s cryptocurrency mining rig to validate the Ethereum blockchain via the proof of work consensus protocol.

EDUCATION

Bachelor of Science, Computer Science, Systems programming / Spring 2023 / Major GPA: 3.0

Texas A&M Corpus Christi, Corpus Christi, Texas

- Upper-level Computer Science courses taken: Software Engineering, Numerical Methods, Image Processing, Theory of Programming Languages, Intro to Database Systems, Operating Systems, Computer Networks, Software Project Management, Survey of Programming Languages, Cyber Security, Cryptography, and Skills for Computing Professionals.

Associate of Science, Computer Programming / Spring 2021 – Graduated

Del Mar College, Corpus Christi, Texas

PRESTIGIOUS AWARDS

Hall of Fame, Spring 2021

Del Mar College, Corpus Christi, Texas

PROGRAMMING PROJECTS

- Automatic Maze Solution, solo project
- Console-based RPG Game, led a three-person team
- Client logger system for published UAS data from a ActiveMQ server, pair-programming
- User Authentication/Authorization/Impersonation functionality within ASP.NET MVC web application

LEADERSHIP EXPERIENCE

Founding President / Del Mar Computer Science Club, Del Mar College

01/2020 - 05/2021

- The Del Mar Computer Science Club is a Departmental Registered Student Organization that I created at the beginning of 2020 with a few of my colleagues. Within this organization I led, we planned to attend tech conferences pre-covid but once we went online, we sought to further our programming knowledge by including a breakout session during every online meeting to sharpen our skills on coding websites such as codewars.com.

President / Phi Mu Alpha Kappa Chi, Del Mar College

09/2020 - 05/2021