

Caden Scharpf | Software Developer

Chandler Arizona | (480) 326 - 4178 | Caden.Scharpf@icloud.com | <https://cadenscharpf.tech>

Technologies

- C#
- .NET/WCF
- Blazor
- Xamarin
- Python
- Enterprise Java
- JavaScript/CSS 3/HTML 5
- TypeScript
- React/(Native)
- Node JS
- Linux/Bash
- PHP
- Docker
- Flask, Spring, Apache, Nginx
- Amazon Web Services

Experience

Software Engineering Intern – Iridium Satellite

May 2021 - Aug. 2021

- Developed unit tests and performed bug fixes for the Iridium Web Services Enterprise Java API.
- Contributed to the successful conversion of the SOAP-based API to RESTful architecture.

Full Stack Developer – Iridium Satellite

Aug. 2021 - Present

Iridium Web Services

- Developed Enterprise Java APIs for customers and internal users to automate business processes and provision devices on the Network.
- Conducted code reviews and collaborated with team members to ensure that the application was scalable, maintainable, and met internal requirements.

Iridium SPNet Pro

- Designed and developed a web interface to allow customers and service providers to manage accounts and devices on the network.
- Worked with stakeholders to identify and prioritize feature requests for the deployment of the Iridium Certus Network.

Education

Arizona State University – Computer Science, Tempe Az

Aug 2019 - May 2023

- Elected secretary of the Sun Devils Engineering Club
- Active member of the Sun Devils Linux Users Group.

Works

Admin Dashboard – Basic Web Application with User Authentication. Developed in C# with .NET 4.8 and WCF Web Services.

- **Repository:** <https://github.com/CadenScharpf/AdminDashboard>

MapReduce – Service oriented Implementation of the MapReduce algorithm for processing large data sets. Developed in C# with .NET 4.8.

- **Repository:** <https://github.com/CadenScharpf/MapReduce>

Currency Exchange – *A mobile application to display real time currency exchange rates. Developed in C# with .NET 5.0 and Xamarin.*

- Repository: <https://github.com/CadenScharpf/CurrencyExchange>

Manim CS Web Demo – *An interactive web demonstration for the Manim CS animation library.*

- Repository: <https://github.com/CadenScharpf/manim-cs-web>
- Live Site: <https://manimcs-demo.cadenscharpf.tech/>

Portfolio – Web based development portfolio created with React Typescript

- Repository: <https://github.com/CadenScharpf/portfolio>
- Live Site: <https://cadenscharpf.tech>