

Adrian Rus | **Phone:** (206)354-8965 ♦ **Email:** adyrus2013@gmail.com

A resourceful and creative software developer, with a passion for learning and building new technologies.

SKILLS

- Python, C++, C#, R, TypeScript, Html and SQL
- ASP .Net Core, Angular, Node.js, REST API
- Version Control and Code Management using Git, DevOps, Azure Cloud Services
- Strong organizational, analytical, critical-thinking, communication and interpersonal skills

PROFESSIONAL EXPERIENCE

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|--------------------------|---|--|
| 01/2021-present | Software Developer | <i>VideoNet Holdings Company</i> |
| | <ul style="list-style-type: none">▪ Pro-actively participated in the whole development process to develop a customizable communication platform utilizing WebRTC, Jitsi, and SignalR.▪ I collaborated with technical and business staff in the design, development, testing, implementation, and production support of web applications.▪ Built services and APIs, resolved any problematic issues, and performed professional tests to optimize performance.▪ Helped in the process of improving system architecture and created technical documentation.▪ Built and maintained development environment in Azure | |
| 07/2020-present | Data Engineer - Consultant | <i>Conservation Science Global, Inc.</i> |
| | <ul style="list-style-type: none">▪ Working with the client to understand their data needs▪ Automating the ETL process and making it more efficient to wrangle data▪ Ingesting data from multiple data sources using APIs and Python | |
| 08/2020-12/2020 | Data Research Analyst | <i>Suisun RCD, Suisun City, CA</i> |
| | <ul style="list-style-type: none">▪ Analyze geospatial data and created workflows using Python▪ Created interactive maps using ArcGIS online and RStudio Shiny▪ Wrote algorithms to analyze remote sensing and LiDAR data▪ Assisted in creating custom maps for stakeholders and government agencies▪ Prepared technical presentations and proposals | |
| 07/2016 – 04/2020 | Graduate Research Assistant | <i>University of Sydney, NSW, Australia</i> |
| | <ul style="list-style-type: none">▪ Managed research projects & other side projects within research group▪ Developed algorithms for data cleaning and statistical analysis▪ Created and managed SQL databases▪ Used C++ to write firmware for embedded electronic devices▪ Developed custom Python and R script for stakeholders and government agencies | |

EDUCATION

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| 2016 | B.Sc., Earth & Environmental Science, <i>Washington State University</i> |
| 2020 | PhD, Ecological modelling, and spatial <i>analysis</i> , <i>University of Sydney, Australia</i> |

