# Niko Icardo

## Software Engineer

(208) 946-0462 | Pullman, WA | nikoicardo@gmail.com | LinkedIn | Github

## EXPERIENCE

**CBTS** | *Network Automation Engineer* | Remote                    Feb. 2023 - Current

- Integrating automated networking features using Typescript to reduce errors and the time required to manually create firewall policies and network protocol.
- Testing Typescript based Network Automation Software to ensure functionality and delivery of the specified architecture.

**SPJ Solutions** | *Sr. Software Engineer* | Remote                    Nov.2021 - Dec. 2022

- Standardized primary software by implementing an API version translation layer that would translate requests and responses between various clients' versions which streamlined development and reduced bugs.
- Implemented redux selector memoization with re-select and re-reselect achieving a 95% reduction in virtual network graph load times.
- Managed a group of junior developers and led a morning stand up session helping them learn essential skills and grow their careers while enhancing company efficiency.
- Built a login protected downloads site in Typescript, React.js, and Node.js hosted via Amazon EC2 Linux to securely deliver software to clients.
- Designed a license generator and integrated it into the primary software and downloads site preventing software from being deployed by unauthorized users and organizations.
- Promoted from Software Engineer to Senior Software Engineer for strong technical aptitude and leadership skills.

**PCR Educator** | *Technical Support Engineer* | Remote                    May. 2020 - Nov. 2020

- Managed schools' student, household, and institutional records by utilizing the PCR database software creating strong solutions to educational data management.
- Built schools' website portals and management applications by employing the PCR Educator CMS system.

### University of Idaho

*Research Assistant* | Moscow, ID                    Jan. 2020 - May 2020

- Designed python programs to assess and sort data for machine learning procedures with Frank Gao, Ph.D.

*Research Assistant* | Moscow, ID                    Jun. 2017 - Oct. 2018

- Designed Matlab programs to implement mathematical models of bacteria lipid generation for Steve Krone Ph.D and Andreas Vasdekis Ph.D.

## EDUCATION

**University of Idaho** | Moscow, ID                    May 2020

*Bachelor of Science Degree in Mathematics*

## SKILLS & INTERESTS

**Languages**: **Typescript,** *Javascript, Python, C++, Matlab, Java, HTML, CSS, SQL, Postgres*
**Frameworks**: ***React.js, Node.js,*** *Bootstrap, Tailwind, Emotion CSS*
**Interests**: API Development, Data Pipelines and Data Processing, Full-Stack Development