

# Niko Icardo

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## Education

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### UNIVERSITY OF IDAHO

Moscow, Idaho

Mathematics General Emphasis B.S., Graduated May 2020, G.P.A: 3.44

Aug. 2016 – May 2020

## Skills and Qualifications

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My expertise lies in developing full stack Typescript React/Node.js applications. I developed the bulk of my skillset during my time at SPJ solutions, where I was tasked with:

- Building the cITopus Downloads Application in its entirety
- Building the cITopus License Application in its entirety and its integration with the cITopus primary software
- Facilitating complex network transactions and translations via VMware VSphere and NSX API's
- Optimizing FE load times with state memoization
- Building multi version API Translation Layers on the BE
- Building Wizards with Custom React Hooks and State Management within Redux Saga and Redux Thunk
- Managing/Assisting Jr. developers with entry – medium level tasks within this ecosystem

I am skilled at navigating Front ends, Back Ends, Databases and APIs in a variety of shapes and formats. I have exposure to other languages as well and am passionate about learning and adding skills to my toolkit. I am always eager to work on projects that expose me to new perspectives and technologies.

For my full skillset, please visit my portfolio [nikoicardo.com](https://nikoicardo.com).

## Relevant Work Experience

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### SPJ Solutions

Remote: El Dorado Hills, CA

Senior Software Engineer

Sept. 2022 – Dec. 2022

- Continue cITopus development responsibilities in addition to providing support, guidance and training to numerous Jr. Engineers and handling more complex and sophisticated development.

Software Engineer

Nov. 2021 – Sept. 2022

- Assist in the development of cITopus, a Typescript-based NSX management and migration software. Implement and test features and functionality on both the React/Redux-Thunk based front end and Express/Sequelize back end.

### PCR Educator

Remote: Rockville, MD

Technical Support Engineer

May 2020 – Nov. 2020

- Investigate and assist in the resolution of technical issues, meet and communicate with clients on implementing software solutions for their schools, assist in database management for various clients, assist in the construction of client's websites

### University of Idaho

Moscow, ID

Undergraduate-Research Programmer

Jan. 2020 – May 2020

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

Undergraduate-Research Programmer

Jun. 2017 – Oct. 2018

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

## References

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- **Tyler Brooks:** Lead Developer SPJ Solutions – tkbrooks@gmail.com
- **Andrew Kan:** Technical Team Lead at SPJ Solutions – andrewkn09@gmail.com
- **Paul Wong:** President/Principal of SPJ Solutions – pwong@spjsolutions.com
- **Frank Gao, Ph.D:** University of Idaho Professor of Mathematics - 208-885-5274, fuchang@uidaho.edu
- **Fahad Memon:** Support Manager/Technical Consultant at PCR Educator - fahadm@pcreducator.com