


# Alexander Lay-Calvert

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## Summary

I am a Javascript/Typescript Web Developer and currently pursuing a Bachelor's in Computer Science at the University of South Carolina. In my free time I am a Linux and Neovim enthusiast and write some terminal programs and plugins to give back to the open source community.

## Experience

### Software Developer

#### Essential Personnel

Jun 2022 - Present (5 months +)

- Work with a developing team to produce high quality web application features to end users
- Manage a full stack with React.js, Express.js, MongoDB, and Neo4j

### Data Systems Administrator

#### United States Marine Corps

Jan 2020 - Present (2 years 10 months +)

- Build, Deploy, and Maintain virtual infrastructure based on mission needs.
- Earned Navy and Marine Corps Achievement Medal for providing critical combat data services during a two week annual training event.
- Utilize VMWare vSphere to manage virtual infrastructure.
- Deploy Windows and Linux based virtual machines to function as Domain Controllers, DNS Servers, Application Servers, etc.
- Configure and use a NetApp Filer as a network attached storage.
- Use Cisco Routers and Switches to create and maintain the network infrastructure.

### Mac/IT Technician

#### Wedge - We Know Mac

Nov 2021 - Aug 2022 (10 months)

- Troubleshoot and fix issues on Mac and Apple devices
- Assist in deploying and maintaining IT solutions with clients both remote and onsite

### Membership Assistant

#### THE PALMETTO CLUB OF COLUMBIA

Nov 2020 - Oct 2021 (1 year)

Assist the Director of Membership with the day-to-day tasks at The Palmetto Club

- Keep the club website up to date
- Works with Microsoft Publisher to create flyers and advertises club dining events
- Uses Microsoft Excel & Access to build reports on item sales and food orders

## Education



### **University of South Carolina**

Bachelor's degree, Computer Science

2019 - Dec 2023

Pursuing a B.S. in Computer Science

## Skills

TypeScript • JavaScript • Mac & PC platforms • Mac • Apple Software • OS X • Apple Hardware •  
Network Administration • React.js • Troubleshooting

## Honors & Awards



### **Meritorious Promotion to Lance Corporal - United States Marine Corps**

Sep 2020

Promoted to Lance Corporal in the United States Marine Corps for being the highest ranking in my class in the Data Systems Administrator Course.