

## Trevor Neri

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### Education

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#### Brigham Young University - Idaho

Dec 2022

BS Computer Science | Emphasis: Machine Learning | Minor: Data Science

Rexburg, ID

- Cumulative GPA - 3.8
- ACM Student Chapter President | Association for Computing Machinery Society: BYU Idaho Chapter
- Security Clearance Level: **SECRET**

### Skills

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**Advanced:** Python

**Competent:** C++, C, Swift

### Work Experiences

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#### Teacher's Assistant: Parallelism and Concurrency

Sept 2021 - Present

*Parallelism and Concurrency (Python, C++, Go, Java)*

Rexburg, ID

- Regulate 30+ students' learning through tutoring to help students understand parallel and concurrent programming concepts in **Python, C++, Go, Java** throughout 4-month semester
- Managed grading project assignments daily and weekly TA meetings with professor over 4-month semester

#### Teacher's Assistant: Programming with Data Structures

Sept 2021 - Present

*Programming with Data Structures (Python)*

Rexburg, ID

- Taught and tutored 38 students learning and applying Data Structures in **Python** through class teaching and one-on-one sessions throughout 4-month semester
- Evaluated project assignments daily and having meetings with professor over 4-month semester

#### Cyber Network Engineer Intern

May 2021 - July 2021

*Northrop Grumman (Python, C#)*

Roy, UT

- Coded in an Agile team of six interns, utilizing Scrum concepts and Jira Board to organize tasks for Cyber Network Simulation Project daily three months
- Developed Cyber Network Simulation Application with **Python** and **C#** to create, edit, and assess health of network system (like GNS3) over 3-month full-time internship

#### Information Technology Intern

Apr 2020 - Dec 2020

*Fluor Idaho, U.S. Department of Energy*

Idaho Falls, ID

- Acquired hands on experience in building Windows PC's through daily imaging, security updates, and performing over 300 PC replacements for company-wide PC Refresh Project
- Gained database, server, and networking knowledge through replacing and updating servers in company Server Relocation and Refresh Project

### Passion Projects & Experiences

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#### President of ACM BYU-Idaho Chapter

Sept 2021 - Present

*Association for Computing Machinery (Computer Science Society)*

Rexburg, ID

- Restructured society to help students develop CS skills via workshops on new technologies, professional development, and inviting industry professionals to speak about various CS topics in weekly society meetings
- Orchestrated efforts to advertise and promote society involvement and a passion for Computer Science

#### Project Lead Software Developer

Oct 2021

*TapTap (App for Special Needs) | BYUI Hack Week (Swift)*

Rexburg, ID

- Founded and lead a group of 4 student developers in designing an iOS app using **Swift** and **SwiftUI** to help Special Needs children in education (Grades K-12) over 4 days and won for "Most Polished"
- <https://github.com/TNeri1/TapTap>