**Brandon Rasaka**
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## Education

**Bachelor of Applied Science in Cyber Security (expected Dec 2021)**
*Columbia Basin College, Pasco, WA*
*Current GPA: 3.97, President's List for 4 quarters*

**Master of Science in Geology (May 2016)**
*Baylor University, Waco, TX*

**Bachelor of Science in Geology (Jul 2014)**
*Brigham Young University--Idaho, Rexburg, ID*

## Skills & Knowledge

I am proficient with Microsoft Office and have some experience with Microsoft Visual Studio, Visual Basic, C#, Python, Windows Server 2016, SQL Server, Microsoft Access, Linux/UNIX. I have knowledge of networking fundamentals and am studying for the CompTia Network+ and Security+ exams. I am also proficient with ESRI ArcGIS and Adobe Creative Suite. I am bilingual, able to read, write, and speak Spanish.

## Cyber Security Competitions

I have competed in two separate National Cyber League competitions. The National Cyber League is a collegiate offensive/defensive security competition based around the CompTIA Security+ and the NIST/NICE Framework. Although I was officially part of a team in the Fall 2020 season, I was the only team member.

**National Cyber League: Spring 2020 Season (May 2020)**
- Individual Game
    - Bronze Bracket Rank: 131/2188 (95th percentile)
    - National Rank: 1359/5357 (75th percentile)
- Team Game
    - Bronze Bracket Rank: 14/395 (97th percentile)
    - National Rank: 247/925 (74th percentile)

**National Cyber League: Fall 2020 Season (Nov 2020)**
- Individual Game
    - Silver Bracket Rank: 157/1601 (91st percentile)
    - National Rank: 625/6011 (90th percentile)
- Team Game
    - Silver Bracket Rank: 121/281 (57th percentile)
    - National Rank: 234/957 (76th percentile)

# Work History

**Product Developer, Editor (Mar 2021 – Present)**
*ETG Marcraft, Richland, WA*
- I am testing and continuing to develop a training course in Industrial Control Systems Security. Here is a list of things I have done so far:
    - Programmed multiple programmable logic controllers (PLCs) using ladder diagram logic
    - Setup and configured a SCADA involving multiple PLCs in a multizone environment, an HMI, and a data historian machine
    - Setup small network involving multiple SOHO routers, the SCADA, two PCs, and a managed switch
    - Installed and configured WampServer

**Adjunct Instructor (Jan 2020 – Present)**
*Columbia Basin College, Pasco, WA*
- Developed and teach online Geology 101 course curriculum and Canvas shell, including YouTube and Zoom lectures
- I frequently provide IT technical support to my students, as relating to the course. I get them to clearly communicate the problem, then I analyze it to diagnose the cause. If the problem is on my end, I fix it, otherwise I communicate to them how they can fix it on their end.

**Management Assistant (Aug 2017 - Apr 2020)**
*Enterprise Rent A Car, Hermiston, OR; Centralia, WA; Olympia, WA; Lacey, WA*
- I graduated from the rigorous Enterprise Management Training program, having demonstrated my knowledge in operating a small business through employee development, customer service, growth, and profitability.
- Raised customer service index to meet and exceeded industry standards at four branch locations

**Online Instructor (Mar 2016 - Dec 2017)**
*Brigham Young University - Idaho, Rexburg, ID*
- Raised standards for student performance by improving curriculum material

**GIS Technician (contract) (Jan 2017 - Mar 2017)**
*Quantum Spatial, Portland, OR*
- Classified hundreds of square miles of LIDAR data to identify electrical hazards near powerlines

**Geologist (internship) (May 2015 - Jul 2015)**
*Jones Energy, LLC, Austin, TX*
- Interpreted several logs from over 2,000 drill holes to identify rock layer boundaries.
- Analyzed logs in aggregate to determine spatial extent, thicknesses, and physical characteristics of potentially oil-bearing rock layers.
- Compared results of analysis with known production in order to ascertain which characteristics best correlated with production.

**GIS Technician (contract) (Jan 2014 - Jun 2014)**
*Brigham Young University - Idaho, Rexburg, ID*
- Analyzed elevation data of ~200 square miles to identify 7 ancient lava flows buried by topsoil

**Teaching Assistant (contract) (Sep 2013 - Dec 2013)**
*Brigham Young University – Idaho, Rexburg, ID*
- Taught workshop on how to use Adobe Illustrator as a guest lecturer
- Wrote and illustrated tutorial to aid students in the above workshop

**Assistant Nursery Manager (Apr 2011 - May 2014)**
*Lone Pine Nursery, Rexburg, ID*
- Supervised nursery team over maintenance of plant inventory
- Outdoor labor in heat, snow, rain, wind, and temperatures from 20°F-100°F

**Front Desk Clerk (temporary) (Aug 2010 - Dec 2010)**
*Quality Inn & Suites (and Barratt Inn), Anchorage, AK*
- Tasked with implementing electronic booking system with limited resources
- Developed the system using Excel within 30 days, having no prior experience with Excel