Rebecca Bartels
Software  Engineer & Cyber Security Professional
Medford, OR – 2038364189 – thenetworknightowl@proton.me
Portfolio/Website: https://www.thenetworknightowl.com

**Skills**: Python, BASH/Linux, Rust, Next.js, Web-Hardening, Encryption, SSH-Keys, Python, Javascript, Firewalls, MySQL, Docker, Kubernetes, Network Engineering & Network Mapping, API, Azure, SFTP, Load-Balancers, PHP, Pen-Testing, Ubuntu, Swift, GEOlocation, Hashing, Nmap, LAMP stack, ELK stack, Cryptography, Automation Scripts, Port-Scanning, Wireshark, Burpsuite, Encryption, XML, IP-Addresses, User Access Management, NodeJs

**Experience**

**Cyber Security Engineering Teaching Assistant**
**Trilogy, Inc, University of Oregon & Columbia University, July 2019 – Present**
~Pull/Push  curriculum weekly to GitLab from GitHub.
~Teach students Linux, Web Hardening & Web Vulnerabilities.
~Configure SSH-Keys, IDS, Firewalls, Encryption and Decryption software.
~Demonstrate server-stack building such as LAMP and ELK stack.
~Communicate virtualization, orchestration, and filesystem mounting best-practices
~Navigate Network Mapping Software like Vizio for Network mapping.
~Filter incoming traffic through load-balancers, jump-box provisioners.

**Backend Data Integration Engineer**
**Lithia Motors, Inc, Medford, OR, April, 2020 – March, 2022**
~Engineered SOAP & REST API
~Distributed SSH-key for access to SFTP protocol.
~Automated scripting such as tar-archives and cron-jobs.
~Develop SQL queries to automate data reports.
~Document any known bugs, challenges, and justifications on Azure DEVOps.
~Maintain user access control and privilege escalation.

**Head of Software Engineering**
**The Millennium Alliance, NY, NY, March 2018 – January, 2019**
~Monitored API calls from Salesforce CRM to PHP website.
~Co-authored PHP website with HTML, CSS, and JS.
~Led data segmentation initiatives.
~Developed custom software to lead-capture via web crawl.

**Jr. Python Pen-Tester**
**Edhesive, NY, NY, January 2016 – June, 2016**
~Purposefully broke python learning apps and documented mitigations for curriculum.
~Documented mitigation of broken application.
~Communicated with stakeholders the risks and impediments.
~Developed curriculum to teach students how to write Python code.

**Education**

**Fordham University, Master's Degree, Medieval History in the Middle East, 2018**
Focused on Christian, Muslim, and Jewish perspectives in the middle east with an emphasis on Aleppo.
~Learned Arabic, Hebrew, and Syriac.
~Built apps for historians such as this leaflet.js GEOlocation application:
~https://codepen.io/rebeccabartels/pen/NzBQPL

**Fordham University, bachelor's degree, Major: Medieval History, Interfaith Relations, 2015**
~Studied the Convivencia period of Spain.
~Translated Arabic to read medieval Arabic manuscripts in Spain.
~Coded first chatbot, sassy Gandalf for a project:
https://codepen.io/rebeccabartels/pen/zbPBNr

**Cyber Security Bootcamp Certificate**
**Columbia University, NY,NY, June, 2019**
**4.0 GPA**
~Topics include but aren't limited to: Linux, Wireshark, Cryptography, Risk Management,
~Vulnerability Assessment, Identity and Access Management, Cloud Security, Kali Linux,
~Metasploit, Hashcat, Burp Suite, Ncat, Pen-Testing, Bash Scripting, PowerShell scripting,
~SQL, Apache, Ngynx, LAMPs, Web Vulnerabilities, Digital Forensics, Python

**JavaScript/Web Development Bootcamp Certificate**
**General Assembly, NY,NY June, 2017**
**Pass**
~Topics include but aren't limited to: API engineering, Web Development, classes, object-oriented programming, promises, for-loops, webpages, HTML, CSS, SSJS.

**Software Development Flatiron School Certificate**

**Flatiron School, NY,NY June, 2016**
~Built an API application for iPhone that is an API that connects to NASA database to display pretty pictures of outer space for your iPhone.
~Languages: Swift, Objective C.

| | |
|---|---|
| **Certifications** | **Completed:** |
| | Cyber Security Bootcamp – **Columbia University** |
| | JavaScript and Web development certificate: **General Assembly** |
| | **Upcoming:** Linux+ CompTIA, Network+ CompTIA, Docker Cert – Whiz Labs |
| | **Portfolio & Side Projects:** |
| **References:** | **https://github.com/**rebeccabartels |

1. *Head Cyber Security Instructor*
   Branden Cyprian
   Bjcyprain@yahoo.com
   9165838038

2. *Student Success Manager (SSM)*
   Deana Dace (Dee-na)
   ddace@2u.com