

Kuanysh Boranbayev

1350 East King Edward Ave., Vancouver, BC, V5V 2G4 | 778-239-6515 | boranbayev.k@gmail.com

Summary

- Proficient in Wireshark Network Analyzer
- Setup firewall with Netfilter
- Practical experiences in designing cryptographic applications
- Experiences in AWS, Azure and Google Cloud Platform services
- Deployed and managed instances for a variety of purposes (Web hosting, auto scaling, load balancing, port-forwarding, proxy servers, etc.) in Linux and Windows
- Experience in using Git in team work environment
- Skilled in CI / CD tools such as Travis CI, Jenkins, AWS Pipeline

Education

- **CST BTech, Network Security Applications Development Option** 2019 - 2021
British Columbia Institute of Technology – Burnaby, BC, Canada
- **Diploma, Computer Systems Technology with Cloud Computing Option** 2016 - 2017
British Columbia Institute of Technology – Burnaby, BC, Canada
- **1st year Applied Science Certificate** 2013 - 2015
Columbia College – Vancouver, BC, Canada

Skills

- Proficient in C programming, Python, Javascript, BASH scripting
- Proficient in setting up a firewall, proxy server, static website, full stack web application, DNS, secure remote access, custom kernel, SSL API
- Managing and deploying web applications, snort IDS
- Writing monitoring scripts for remote logging, restricting access for certain IPs
- Networking tools such as Wireshark, hping3, zenmap (nmap), ssh, iptables
- Cryptography: RSA algorithm, DES, 3DES, AES
- Advanced kernel-level programming: man pages, ifconfig, C libraries, file descriptors and sockets, Berkeley API, multi-threading (pthread), multi-processing (fork), select() and epoll() functions
- ISTJ (MBTI personality type)

Experience

- **Project 3.** Sheph - Full-stack web application with a proxy server deployed on AWS
- **Option Project.** Custom Alexa Skill on Echo device.
- **Project 2.** Website redesigning: new.firefit.com
- **Project 1.** MentalHealthBootCamp. Full-stack web application
www.mentalhealthbootcamp.com
- **Android Project(s):** Navigation app for the city of New Westminster; Photogallery app
- **Logic Game: Logicolor** - pure JS built

Interests & Hobbies

- Creating web applications for a variety of purposes
- Cloud computing development
- Writing automated BASH scripts for daily use such as sorting log reports, cronjobs to prank others, personal firewall rules, running multiple simultaneous programs

Kuanysh Boranbayev

- Watching any tv shows I can find and live streams of games done in 1 Life mode, speedruns, community mods