

Ivan Krukov

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Summary

A positive thinking and motivated individual with a strong intellectual background who strives to learn more about the technological world. I am reliable and will never back down to a challenging problem.

Education

COLORADO SCHOOL OF MINES | JUNIOR (GRADUATING 2021)

- Major: Computer Science (GPA 3.9)
- Related coursework: Data Structures, Computer Organization, Discrete Mathematics, Software Engineering, Information Security and Privacy, Databases

GRANDVIEW HIGH SCHOOL | 2013-2017

- Took 13 AP exams including AP Physics C Mechanics/E&M, AP Computer Science, and AP Chemistry

Work Experience

NORTHROP GRUMMAN CORPORATION | HIGH SCHOOL/COLLEGE INTERN | 2016-PRESENT

- Worked on two major projects with a team involving redesigning systems
- Performed development/System Administration on CentOS Linux

COLORADO SCHOOL OF MINES | SYSTEM ADMINISTRATOR | 2018-PRESENT

- Provided certified living assistance to an elderly relative

Skills & Abilities

TECHNICAL SKILLS

- Most skilled in Java, Python, C++, MySQL, and Postgresql.
- Knowledge of Linux administration/security
- Web development (HTML, JavaScript, PHP, and Django)
- Ability to work in a team effectively to complete a task
- Agile and Test Driven Development
- Microsoft Office (Word, Excel, PowerPoint, Outlook)

Relevant Experience

CYBERPATRIOT | 2014-2017

- High school team computer security competition hosted by Northrop Grumman
- Acted as the "Linux Guru" for my team (Debian based distros)
- Placed 13th in the regional finals in Cyberpatriot 8

SENIOR PROJECTS | 2015-2017

- High school capstone course for Programming/Engineering
- Worked on two projects involving encryption and neural networks respectively
- Project Journal/Source Code: <https://xipher.ddns.net/sp> and <https://xipher.ddns.net/sp/eyeplay>