

# Nick Stolarow

[nickstolarow@gmail.com](mailto:nickstolarow@gmail.com) | (916) 616-4863

## OBJECTIVE

To obtain a professional position in the software industry utilizing my relevant experience, technical expertise, and problem-solving skills.

## EDUCATION

**Boise State University**, Boise, ID

Bachelor of Science in Computer Science, December 2021 GPA: 3.6

*Relevant Coursework:* Data Structures (Java), Databases (SQL), Version Control (Git and GitHub), Systems Programming (C), Microprocessors (assembly, C, Vivado), Web Development (HTML, CSS, PHP, MySQL), Software Engineering (Scrum)

## SKILLS

*Coding:* Java, Python, C, HTML, CSS, PHP, x86 assembly

*Technologies/Environment:* Windows, Linux, MacOS, MySQL, VSCode, Eclipse, IntelliJ, PyCharm, Bash, Vivado, Robot Framework, GitHub, GitLab, Selenium Library

## EXPERIENCE

**Boise State University**, Boise, Idaho

Student Academic Assistant II (Oct 7, 2020 – Present)

- Continuous development of a command line interface using Python code to perform calculations similar to that of an oscilloscope to aid the visually impaired in their Electrical Engineering course work.

**Idaho Scientific**, Boise, Idaho

Junior Research Scientist (May 18, 2020 – September 17, 2020)

- Developed a secure client/server program for internal data transfers between servers using Python
  - Created entire design, protocol and program from scratch
  - Server uses FreeIPA credentials to authenticate file transfers
  - Server uses multithreading to service several connections at once
  - Data is hashed client and server side to check if data arrives to the server intact
  - Server scans file data for virus's
  - All socket transmissions are encrypted via SSL sockets
  - Wrote test plan and created automated unit testing and acceptance testing using Robot Framework

## PROJECTS

**Instagram Comment Bot** (Fall 2020) – Developed a bot to comment on any users Instagram post using Python and Selenium. This bot would avoid Instagram's spam detection to allow for endless comments to ensure I would win giveaways.

**Cross Domain Program** (Summer 2020) – Created a server program to allow data to be moved and logged between servers. Created a command line interface client program to connect to the server and prompt the user for their credentials.

**Smash (Simplified Bash)** (Spring 2020) – created a simplified bash shell capable of handling an assortment of internal and external bash commands using C code.

## CLEARANCE

**Top Secret (DoD):** Active 7/24/2019