

# FIRST LAST

[address@gmail.com](mailto:address@gmail.com)

[firstlast.com](http://firstlast.com)

City, State

## EDUCATION

---

**University of XXXXX** – Bachelors in Computer Science

09/2019 – 05/2019

## SKILLS

---

**Languages:** Java • Python • C • JavaScript • HTML • CSS • SQL • MySQL • PostgreSQL

**Tools:** Django • Tkinter • Selenium • Excel • Maven • Heroku • Linux • Git • JSP

**Concepts:** Networks • Operating Systems • Software Testing • Data Mining • Linear Programming

## EXPERIENCE

---

**COMPANY NAME** - Software Developer Intern

01/2021 – 08/2021

- Performed back-end updates to data download web-app allowing the selection of different data sets from different time periods corresponding with user permission levels - includes images, metadata, CSV data and packaged data.
- Redesigned the download tools front-end to accommodate back-end updates and provide a visual overhaul.

**COMPANY NAME** - Administrative Assistant (Temporary)

08/2020

- Compiled excel sheets of invoicing data to determine alternative pricing methods for clients
- Wrote python scripts to reorganize internal file system for easier integration into cloud storage.

## PROJECTS

---

### Portfolio Website

Designed portfolio website to showcase projects. Made with Django using HTML, CSS and JS following MVC structuring.

### Sudoku Solver

Developed a Sudoku solver with a GUI. Shown with Python's Tkinter framework where users can enter incomplete sudokus by left and right clicking squares and have it solved by a backtracking algorithm once entered.

### Overwatch Stat Tracking Bot

Created Discord bot to track stats from the video game Overwatch. Stats are pulled via a public API and uses OAuth2 authentication to link overwatch accounts to their discord user. Data is stored in a MySQL database and accessed via different commands in discord (e.g. leaderboards, stats, etc...)

### BattleSnake

Automated a snake to compete in CITYNAME's BattleSnake tournament. Used a variety of algorithms and tools such as using Maven, Git, as well as technical skills such as parsing JSON data into readable objects.

### Operating System Features

Recreated a variety of simplified operating system features in C such as a basic command line, train simulation to represent thread scheduling, and a text-based file system from a disk image file.

### Smaller Projects

- Programmed many small text and interface-based programs such as Tic-Tac-Toe, 2048, Hangman, Chess, Binary/Decimal/Hex converter, Roman to Arabic numeral converter and more.
- Ran game server and community for 3 years using CentOS and Debian on an OVH dedicated machine, setting up IP Tables, MySQL databases, custom domains, file management via SSH/FTP, and more.