COLLIN GILMORE

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Software Engineer

HIGHLIGHTS OF SKILLS

- ➢ JavaScript (front/backend)
- ➢ Node.js./Express.js
- ➢ React.js
- ➢ MongoDB

- ➢ Python
- ➢ Assembly Language (MASM)
- ➢ SQL

- ➢ HTML5/CSS + Bootstrap
- ➢ Git/Version Control
- ➢ Computer Architecture

PROFESSIONAL EXPERIENCE

- **Full Stack face recognition app - JS, React.js, Node.js, PostgreSQL,**
  - o https://face-recognition831.herokuapp.com/
  - o User Authentication & Sign in/up feature with hashing API to secure passwords
  - o Stores and displays user data as they enter pictures for the face-recognition algorithm to recognize
  - o Can take any picture of someone's face, recognize it, and display a border around the detected face
- **Korean Chess Board Game – Python**
  - o **https://github.com/osu-cs162-w21/portfolio-project-nilloc95**
  - o A fully working, terminal based Korean chess game called Janggi
  - o Complete move-sets, check/checkmate functionality, piece capturing, state management
  - o Board displayed and updated between each move
- **MASM Sorting Algorithms and Data Manipulation Program**
  - o Optimized insertion sorting algorithms using MASM assembly language
  - o Data manipulation by manually changing strings into integers and creating custom low level print/display functionality with macros and procedures with data validation

BS in Biology (2018) & BS in Computer Science (2022) – I've been programming with JS and python for over 2 years, and last year I started a second degree in computer science to solidify important fundamentals such as data structures, algorithms, cloud development, networking, parallel programming and more. Between my previous knowledge, what I've learned in school so far, and am always learning more every day, I am ready for a developer job where I can learn and grow my software development skills even more.

EYE CARE MEDICAL GROUP — Santa Cruz, Ca, 2019 - 2020

- ➢ **Ophthalmic technician**
- ➢ Helped triage, treat, and diagnose patients with varying eye disease such as glaucoma, cataracts, retinal and more

SANTA CRUZ BIOTECHNOLOGY — Santa Cruz, Ca, 2018 - 2019

- ➢ **Research Assistant**
  - Worked in R&D and developed time and money saving techniques for Antibody molecular binding.

EDUCATION

University of Redlands — Redlands, Ca
B.S. in Biology, Chemistry Minor, 2018

Oregon State University
BS in Computer Science, 2022