

Grant Nakagawa

Aspiring Software Engineer

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SUMMARY

I am a computer science graduate with additional experience in the fields of ux/ui design and graphic design. I am dedicated to creating functional and intuitive experiences, and my diverse skillset allows me to handle design and development from start to finish.

EXPERIENCE

HackKU

February 2020 | Lawrence, KS

- ▶ Collaborated with a team of 3 other students over 36 hours to create a web application that gave 2 users a compatibility score based on how they rated certain images
- ▶ Designed and developed a front-end UI using HTML, JavaScript and CSS
- ▶ Incorporated code for temporary web server hosting using Go from workshops

CSC 548 Software Engineering Final Project

Fall 2019

- ▶ Worked with the rest of the class as a part of a Scrum Team to produce a prototype of an application that analyzed .wav files to help discussion facilitators host better discussions
- ▶ Created a Java program to parse .json files produced by AWS Transcribe for use by other team members
- ▶ Created a Java program to analyze time and words spoken after a question
- ▶ Worked with teammates to implement techniques for the incorporation Python in a Java application

PROJECTS

Sorting Visualizer

tiny.cc/gnSort

A web application built with HTML, CSS, and JavaScript to allow users to see visual representations of sorting algorithms. Users can control animation speed and array size. The site is created with responsive design to accommodate mobile devices.

ABC Path Solver

ABC Path is a logic puzzle (somewhat like sudoku) where the letters A through Y are placed on a 5x5 grid according to certain constraints. This Python project uses the tkinter library to create a simple GUI where the user can solve a puzzle. The program uses recursive backtracking to verify the user's solution, solve the puzzle, or notify the player if there is no possible solution.

EDUCATION

Creighton University

2016 – 2020 | Omaha, NE

Bachelor of Science in
Computer Science

Bachelor of Science in Digital
Development

GPA: 3.39

SKILLS

Programming Languages

HTML, CSS, JavaScript, Java,
Python, SQL

Design / Creative Apps

Illustrator, Photoshop, XD,
InDesign, Figma

ACTIVITIES/INTERESTS

Creighton Clubs

Chess Club, Hawaii Club,
Bowling Club, Dance Club

Hearthstone

Digital card game

Peak rank: #10 North America