

CARTER MOSELEY

Objective

Obtain a full-time position that allows me to pursue my passion in working with software development

Contact information

cartermoseley20@gmail.com
(515) 339-2177

Education

Iowa State University; Ames, IA

Major: Computer Science

Minor: Cyber Security

Graduation: May 2023

Current GPA: 3.72

Skills

Coding Languages: C, C++, Java, Python.
Spring Boot, MySQL, Android Studio,
React, HTML, NodeJS

Amazon Web Services (AWS): Database Migration Service (DMS), Simple Storage Service (S3), Athena, Glue with Hudi, DataBrew, QuickSight, Lake Formation

Professional/Project Tools: Word, Excel, SharePoint, Jira, Confluence

Clifton Strengths: Input, Harmony, Maximizer, Achiever, Responsibility

Activities and Achievements

Spring 2021 ISU DW Hackathon –
Software Hack winner
Iowa State Men's Swim Club
Game Development Club
Scouting – Eagle Scout Rank

Technical Work and Projects

Kingland Systems; Ames, IA
Advanced Software Engineering Intern

May 2022 - Current

- Utilize AWS Glue and DataBrew to apply Extract, Transform, Load (ETL) processes to data
- Create client specific reports and analysis with AWS QuickSight using data queried from AWS S3 buckets
- Migrate data to an S3 bucket from an Amazon Aurora database using AWS DMS
- Document new work processes for instruction and efficiency

Waukee Aspiring Professional Experience (APEX); Waukee, IA
Developing Web Based Technologies, Student Associate

Fall 2018

- Collaborated with industry experts on value-added project areas of web development and programming while learning professional expectations and skills in the workplace
- Created a portfolio alignment wall for a Fortune 500 company to improve international employee collaboration
- Constructed a micro-site for the City of Clive, Iowa to display the financial background of the city

School System (Personal Project)

- Utilized a Spring Boot backend to make calls to a local MySQL server that returns JSON objects
- Created a local website using React that allows users to log in and view relevant information such as courses and teachers
- Created an Android version of the website to allow mobile user access

Genetic Algorithms (Personal Project)

- Applied genetic algorithm to a python project that took in a target sentence, then, starting with a random population, evolved to generate the given target
- Used java to move agents to a target point over a specified time with the application of a genetic algorithm

Other Work Experience

Trip Hedrick's Cyclone Swim School; Ames, IA
Lifeguard

Fall 2019 - Spring 2022

West Lakes Hy-Vee; W Des Moines, IA
Cashier

Summer 2017 - Summer 2022

Des Moines Golf & Country Club; West Des Moines, IA
Swim Team Coach, Swim Lesson Instructor, Lifeguard, Reception

Spring 2019 - Fall 2021

View [Carter Moseley on GitHub](#) or cartermoseley.com for more project information