Mark Link II

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OBJECTIVE	Seeking an internship in software engineering or a related field for summer 2021							
EDUCATION	Texas A&M University , College Station, Texas Bachelor of Science in Computer Science, Cybersecurity Minor Expected Graduation: May 2022 Cumulative GPA: 3.825							
RELEVANT COURSEWORK	Programming Design/Concept Data Structures & Algorithms Analysis of Algorithms			Database Systems Computer Organization Linear Algebra			Programming Studio Programming Languages Calculus 1,2,3	
TECHNICAL SKILLS	Java Linux	Python UNIX	C++ Agile	HTML JavaScript	SQL Eclipse	CSS IntelliJ	Scheme CLion	GDB PyCharm

SOFTWARE PROJECTS

Cache Simulator (Java)

CSCE-312 Final Project, Texas A&M University

- Implemented a minimalized command-line cache simulator
- Architected without starter code this cache includes three replacement policies among other customization options

Airline Manager (Java)

Personal Project

- Developed a program to find the lowest cost route from one airport to another given a data file consisting of route information
- · Implemented Dijkstra's algorithm to locate and print the lowest cost route

Weather Maps (HTML, CSS, JS)

CSCE-315 Final Project, Texas A&M University

- Team web application that overlays weather information and radars over user generated routes; scrapes weather tweets from and creates a forecast for the given location
- My part in this project was frontend integration where I mainly used HTML, CSS & JS

HP Wand (Java)

Personal Project

- Created a free plugin for the game "Minecraft" using the Bukkit API
- Features a custom item with 45 spell add-ons and has over 500 downloads

WORK EXPERIENCE

Texas A&M Athletics, College Station, TX

Student Athlete Tutor (6 hours/week), August 2019 - May 2020

- Tutored student athletes in a one-on-one format
- · Primarily tutored for programming and math courses

YMCA of the Rockies, Estes Park, CO

Housekeeper (40 hours/week), May 2019 - August 2019

- Worked on a crew of up to ten people to effectively clean lodge and cabin rooms
- Enriched guests' experience by cleaning occupied rooms when requested

LEADERSHIP

A&M Christian Fellowship, May 2019 – August 2019

Attended a leadership training program while working full time at YMCA of the Rockies

AWARDS & HONORS

Maroon Merit Award, August 2018 – Present Dean's Honor Roll, Spring 2019 & Spring 2020