Geoffrey Meric

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OBJECTIVE

Second year undergraduate computer science student at McGill university looking for work experience and internship opportunities in computer science and software engineering-related positions.

CORE SKILLS

Python (3 years of experience), Java (2 year of experience), HTML/CSS/JavaScript (5 years of experience), bash (6 months of experience), C (programming language) (1 year of experience), PHP (6 months of experience), jQuery (6 months of experience)

EDUCATION

Mcgill University   Montreal, Canada
Bachelor of Science, Computer Science major, Finance minor   August 2020 − Expected completion 2023
- cGPA: 4.00/4.00
- Judie Rimer academic merit Scholarship recipient
- Key courses taken: COMP250 - Introduction to Computer science, COMP206 - Introduction to Software Systems, MATH240 - Discrete Structures, MATH222 - Calculus 3, MATH223 - Linear Algebra, COMP 251 - Algorithms and Data Structures, COMP 273 Introduction to Computer Systems

Seoul Foreign School - *International Baccalaureate* (42/45)   August 2017 - May 2020

WORK EXPERIENCE

Teqoya
Software development intern   June, 2021 − September, 2021
Worked on development of *web application* used for visualization of air purity data from sensors.
- Collaborated on creation of web application in PHP, JavaScript, HTML and CSS, using frameworks such as Chart.js.
- Implemented graphic data comparison and user-customizable downsampling capabilities in JavaScript.
- Contributed UI streamlining improvements (e.g. uncluttering axes, smoothing data curves through smart data decimation).

Seoul Foreign School
Digital Learning Coach intern - Educational Technology office   Summer 2018
Worked with Digital Learning Coaches to enhance learning in elementary school classrooms through the implementation of technological tools and methods.
- helped setup Virtual Reality and robotics learning experiences in classrooms, provided arduino and programming workshops

PROJECT WORK

Chrome Extension - McGill RateMyProfs extension   *Chrome web store link*
https://github.com/gcsmeric/mcgillextension
- Developed and succesfully published JavaScript Chrome Extension that directly links a professor's ratemyprofessors.com page in McGill course websites through a custom UI, serving multiple users
- Designed web scraping functionalities to retrieve instructor listings and generate professor-specific queries

Personal Website   *gcsmeric.github.io*
https://github.com/gcsmeric/gcsmeric.github.io
- Developed website from scratch in HTML, CSS and JavaScript to showcase personal projects with functional UI, including:
  - **Sudoku Solver**
    * Developed Java program optimized to solve any Sudoku inputted by user
    * Implemented recursive backtracking solving algorithms
  - **2-player Chess with AI opponent**
    * Developed a fully playable chess game from the ground up without use of external libararies or guides in Python
    * Validates user inputs to check if inputted moves are legal and algorithmically detects checks, checkmates, stalemates
    * Built and implemented rudimentary JavaScript chess AI to play vs. user using backtracking algorithm to find moves

OTHER SKILLS

Tutoring: Provide private math tutoring to high school students, assisting with concept acquisition, exam preparation
Languages: Multilingual with English and French native fluency, Spanish and Germany high-level proficiency
Chess: Competitive Chess player. played team championships at a national level in France, Germany and South Korea, and achieved multiple top 15 individual national championship placings. Was a top 100 rated player in South Korea. Created and led my school's chess club, where I organized tournaments, hosted lessons and provided individual chess tutoring to students.
Debate: Experienced Model U.N. debater, chaired debates at multiple international conferences and was member of organization committee for SEOMUN XXII, an international debate conference with 600+ participants and a $100K budget.