MUHAMMAD HAIDER SAEED

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CAREER OBJECTIVE

Although I'd want to work in any role that would allow me to grow my skills, I'm seeking for graduate positions that entail developing software. I love programming and want to use my abilities in practical tasks to sharpen them. I feel at home in a diversified work environment as an international student who can understand individuals from different ethnic backgrounds.

I value putting in a lot of effort and have a highly structured way of thinking. I want a position where I can obtain the training I need to hone and perfect the skills I learned at the university since I absorb things quickly. I respect cooperation and want to work in a setting where I feel at ease collaborating with others to perform duties as correctly as possible. As a result, I love discussing my thoughts and ideas with my co-workers. Being a full stack developer is my long-term goal.

SKILLS

Python
- Learnt all the algorithms and relevant libraries.
- Designed, implemented, and tested a socket program.
- Created a RIPv2 network and tested the static routing via the network.
- Produced a language compiler for a small programming language.

Java / C / C++
- Led a software engineering project where I coded, tested, and documented a game in Java.
- Led a group project where I programmed and tested a game on an AVR microcontroller - ATmega32 microchip using C. Gained the experience to program an embedded system.
- Designed structured C programs and applied Boolean algebra.
- Have a solid grasp over fundamentals of programming in the C language.
- Developed graphical environment in OpenGL using C++ and Microsoft Visual Studio.

PHP / HTML / MySQL / SQL
- Understood the functions of relational database management systems and their roles in software applications.
- Designed conceptual, logical, and physical database schemas.
- Queried, populated, updated, and managed databases in MySQL. I also learnt relational algebra used in querying.
- Completed a group project where I designed and tested a fully functional web page system using PHP, HTML and SQL.
- Gained understanding of the database design lifecycle.

Prolog
- Practiced declarative programming.

Mathematics
- Learnt cryptography and graph theory with proof techniques.
- Able to understand calculus, trigonometry, and complex algebra.

Operating Systems
- Mircrosoft Windows.
- Linux Operating System.
- Google's Android OS.

EDUCATION

The University of Canterbury | Bachelor of Science   Feb 2020 – Graduating Jul 2024
- Majoring in Computer Science
- Halfway completed 3rd year of Computer Science.
- Activities: Acted as Class Rep for three different course subjects. Joined COMPSOC (Computer Science Society) and attended events.

Lahore Grammar School | GCE O and A Levels.   Jan 2017 – Dec 2020
- Passed all my O and A-Levels exams
- Activities: Class rep, event organizer, won multiple Inter-school events including an Inter-school science competition. Social and competitive sports include basketball, football, cricket, and swimming. Hosted JTEC event which was organized for disabled members of the community.

Beaconhouse School | GCE O Levels.   Jan 2016 – Dec 2016
- Activities: Class rep, participated in inter-school sports.

SAT Score – 1300 (Maths – 710/800, English – 590/800)
O-Level English Language Grade – A
Languages: English (First Language), Urdu, Hindi, Punjabi

WORK EXPERIENCE

Delivery Driver / Phone Operator / Cook   Dec 2022 – Jan 2023
Dominos / Christchurch, New Zealand
Worked as a delivery driver delivering food to customers.
- Mastered my driving skills on the road.
- Gave me the ability to talk to people fluently on phones to help them with order decision making.
- Gave me knowledgeable insights into the inner workings of a restaurant business/industry.

Retail / Stock Clerk   Dec 2021 – Jan 2022
Pak N Save / Christchurch, New Zealand
Worked a graveyard shift where I managed inventory, organized products, and restocked shelves.
- Learned how to provide good customer service and maintain workplace etiquette.
- Enhanced my interpersonal and problem-solving skills with collaboration.
- Gave me knowledgeable insights into the inner workings of a business/industry.
- Grasped the importance of time management and patience along with empathy for others.

Freelancer   Casual
Fiverr | Christchurch, New Zealand
Ran gig on Fiverr to improve my coding skills and gain experience.
- Developed fast and efficient coding skills as I had to complete the customer request within a given timeframe.
- Learned more about coding languages and their relevant libraries.
- Improved my communication skills.

Traffic Management   Casual
TMM | Christchurch, New Zealand
Worked as a flag person to manage the flow of traffic.
- Learned how to stay attentive and precise while managing responsibility for the oncoming traffic.
- Developed good communication and collaboration skills with other workers.
- Maintained a positive and respectful attitude with the drivers on the road.

ACADEMIC AWARDS

Certificate of Merit O-Levels   Aug 2018
Lahore Grammar School
- Received a certificate and trophy for achieving 7 A's in GCE O-Levels.
- Hall of Famer.

Scholarship for A-Levels   Aug 2018
Lahore Grammar School
- Awarded 75% total fee scholarship for my A-levels program based on my O-Levels result.

SPORTING EXCELLENCE

Gold Medallist   Sept 2016
Beaconhouse School
- Competed in and won an Inter-School Basketball Competition.

VOLUNTARY EXPERIENCE

Mentoring   Sep 2020 – Jan 2021
UCIC | Christchurch, New Zealand
Voluntarily taught three peers Python programming language.
- Developed a deeper understanding of the Python programming language.
- Helped the students achieve their desired grades.
- Did free of cost for my personal teaching experience.
- Developed a strong relationship with my peers.

SKILLS SUMMARY

Programming

I enjoy developing, correcting, documenting, and analysing code since it helps me better understand programming languages and encourages me to investigate new project options. I adore programming since coding is a technical talent, and I really enjoy it when I'm using the computer to reason through digital logic and create a programme that can essentially solve issues.

Data Analysis

I enjoy organising, manipulating, and interpreting data, and I have learnt how to do so when having experience working with a variety of data formats and computer languages, which gave me confidence while handling the data that was given to me.

Critical Thinking

Because I need to apply creativity while dealing with challenging circumstances, my brain has been sculpted to think clearly and critically. Beyond scholastic success, I've used this method to numerous facets of my life. I was able to get some excellent outcomes on projects, quizzes, assignments, and examinations because of it. By using this strategy, I've been able to increase my brain's productivity, cognitive quickness, and problem-solving abilities.

Problem Solving

I like considering the problems I face, and I employ deductive reasoning, a defined strategy, and faultless execution to find solutions. I've gotten better at methodically tackling issues as a result of employing this practise. It not only equipped me for leadership in group projects but also made it possible for me to help my friends go through comparable challenges. I like to sketch out my thinking processes before I logically handle any topic, and doing so has aided me in every aspect of my life.

Project Management & Leadership

My ability to organise and execute tasks has significantly increased as a result of the several assignments I have done at my institution. In a number of the projects I handled, I was in charge of scheduling, assigning duties to the team, and assuring the overall correctness and calibre of the work. The initiatives I oversaw ultimately produced some amazing outcomes. The management of challenging projects calls for intensive cooperation. I have experience working on a variety of projects each semester, so I am familiar with their requirements and variances and can confidently accomplish them.

REFERENCES

Paul McKeown - Senior Tutor at The University of Canterbury
Paul was my COSC121 and COSC122 course professor.

Chris Van Der Weert – Hornby Pak'nSave Store Operations Manager
Chris was my store manager while I was working at Pak'nSave.

Ricky – Domino's Halswell Store Operations Manager
Ricky managed me when I was working at Dominos.