

# Syed Muhammad Hasan Haider

<https://github.com/HasanHaider1>

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## EDUCATION

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- **Habib University** Karachi, Pakistan  
*Bachelors of Science in Computer Science* Aug. 2017 – June. 2021
- **WHALES College** Karachi, Pakistan  
*Pre-Engineering;* Aug. 2015 – May. 2017

## EXPERIENCE

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- **Zepcom** Karachi, Pakistan  
*Associate Software Engineer* Sep 2021 - Present
  - **D-Bargain:** D-Bargain is an online bargaining tool created to facilitate the e-commerce platforms in order to create a real life shopping experience by allowing them to bargain the product prices.
  - **FTZ Plugin:** This plugin was meant to allow real time data migration between Magento and Shopware 6 stores.
  - **Crystal Comp:** Crystal Comp is a website dedicated to parents of babies. From baby items to parenting training courses, Crystal Comp creates a single platform for all parental needs. My role here was to create the backend for a plugin that allows the creation and function of online courses resembling the popular E-Learning Platforms such as Coursera, Udemy etc
  - **Aboshop Plugin:** Aboshop plugin was meant to create an enhanced user experience for the e-commerce stores. This required amendments in multiple core functionalities of Shopware 6.
- **Zepcom** Karachi, Pakistan  
*Software Engineer Trainee* June 2021 - Sep 2021
  - **Front-End Development:** Worked on creating custom themes and making changes on the default theme of Shopware 6.
  - **Back-End Development:** Created plugin to perform various backend functionalities.
- **Zepcom** Karachi, Pakistan  
*Software Engineer Intern* March 2021 - May 2021
  - **Full Stack Development:** Worked with a client on making modifications on their plugin

## PROJECTS

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- **Hisaab Kitaab:** A desktop application intended to fulfill all the accounting needs of a firm while ensuring that the data was analyzed and used for multiple purposes such as to create accounting ratios
- **Optimizing N-Body Problem:** Designed a parallel approach to Barnes-Hut algorithm using the Nvidia platform support
- **Garbage Image Classifier:** Developed an AI based application to classify garbage as recyclable and non-recyclable.
- **Car Advertisement Scraper:** A web-scraper designed to show information of vehicles from different websites on a single page.
- **Dyslexic Combat System:** An online portal to support people suffering from dyslexia. This platform allows people to get training through online courses and for the caretakers to get some training as well.
- **College Scorecard Analysis:** Analyzed a data set from Kaggle to figure out which college is suitable for the students as per their requirements.
- **SDL Game:** Made a pac-man game using OOP concepts.
- **Election Processing System:** Designed a desktop application for elections at Habib University.

## PROGRAMMING SKILLS

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- **Languages:** PHP, Python, C, C++, SQL, Javascript
- **Templating Engine:** Twig
- **Technologies:** ASP.Net MVC, Shopware 6, Woocommerce, Wordpress, MySql

## CERTIFICATIONS

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- **Business Analysis and Process Management:** Coursera
- **Automize Business Communication using Power Automize:** Coursera
- **Working with BigQuery:** Coursera
- **Jira SCRUM project:** Coursera
- **Create a Virtual Private Cloud (VPC) using AWS:** Coursera
- **Fundamentals of Accelerated Computing with CUDA Python:** NVIDIA
- **Fundamentals of Accelerated Computing with CUDA C/C++:** NVIDIA
- **Graphics Designing:** The Earning Academy Pakistan
- **Website Designing:** The Earning Academy Pakistan
- **Workshop in Cyber Security Essentials and Secure Code Review:** Cretivok