| Sk.Amir Hamza  Software Engineer | horizontal line  [amirhamza05.github.io](https://amirhamza05.github.io/)  [github.com/amirhamza05](https://github.com/amirhamza05)  [www.linkedin.com/in/amirhamza05](https://www.linkedin.com/in/amirhamza05/)  [sk.amirhamza@gmail.com](mailto:sk.amirhamza@gmail.com)  Phone: +8801777564786 |
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| **ㅡ** **Skills** | horizontal line  **Languages:**  C/C++, PHP, JavaScript, Shell, Python  **Technology:** Laravel, REST API, HTML/CSS, Javascript, Jquery, MySQL, SQL, Oracle, Git, Digitalocan, VPS, Docker |
| **ㅡ** **Experience** | horizontal line City University / Competitive Programming Trainer June, 2021 - August 2021.   * Worked with the student to build a strong basic CS background and improve their problem-solving skills and try to advise them to prepare for a national level contest before ICPC 2021.   **Problem Setter and Judge**   * IEEE EWU Intra university programming contest 2021 * Intra EWU Kick of contest 2021 |
| **ㅡ** **Education** | horizontal line East West University/ BSC in Computer Science & EngineeringSpring 2017 - Fall 2021. Total earned credit - 140 out of 140. |
| **ㅡ** **Awards** | horizontal line Sports ProgrammerRepresented EWU in around **15+ National level programming contests**  * **2nd Position -** Inter Private University Contest UITS 2019  **19th Position -** National Collegiate Programming Contest 2020  * **1st Position** - IEEE Intra Individual Programming Contest 2018 * **1st Position** - Intra EWU Individual Programming Contest 2019 * **2nd Position** - Intra House of Battle Individual Contest 2017 * **2nd Position** - IEEE Intra Individual Programming Contest 2019  More than 1500+ problems have been solved in different types of online judges like [Codeforces](https://codeforces.com/profile/amir_hamza05), [Lightoj](https://lightoj.com/user/amirhamza05), Uva. **Project ShowCase**   * **Runners Up :** Intra University CSE Fest Project ShowCase 2018 |

| **ㅡ** Project | horizontal line [CoderOJ.Com](http://coderoj.com) / Coder Online JudgeProgramming problems practice and contest platform. 5+ Intra university programming contests host this judge.  * Use submission judges use the job queue. 10 judging server parallel runs then if submission id%10 == 1 then it goes to the first judging server. * Use redis cache for contest time arena load faster. Store full contest rank list in redis during the contest time. * Generate temporary user accounts in contest participants from CSV and send SMS and Email their handle and password. * Submission live judging system using Socket IO / Pusher * **Tools:** Laravel, Mysql, C++, Bash, Redis, Socket, Php, Html, CSS, Jquery * **Github:** [github.com/coderoj-dev/Online-Judge](https://github.com/coderoj-dev/Online-Judge) * **Live**: [CoderOJ.Com](http://coderoj.com)  Judger Online C, C++, Java, Python code compile, run and provide verdict , total time use, and memory use.   * **Tools**: C++, Php, Bash * **OS**: Linux * **Github:** [github.com/coderoj-dev/Judger](https://github.com/coderoj-dev/Judger) |
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|  | Virtual Classroom all online classroom feature with support live class, real time collaborate whiteboard and class chat feature   * **Tools**: Laravel, Php, Socket, JavaScript, jQuery, Html, CSS, Bootstrap * **Github:** [github.com/amirhamza05/Classroom](https://github.com/amirhamza05/Classroom) |