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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **JOSHUA YANG** | | | | | | | | | | |
| Image result for phone icons | | **334-300-7271** | **Image result for computer icon transparent** | | **https://www.linkedin.com/in/joshua-yang-ba7893173** | | **gps, home, map, navigation, network, pin, place, technology, web icon** | | | **Bryn Mawr, PA** |
| communication, correspondence, e-mail, email, envelope, inbox, internet, letter, mail, message, send, sms, technology, web icon | | **Joy222@lehigh.edu** |
|  | |  |  | | |  |  | | |  |
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| Image result for education icons transparent | **EDUCATION** | | | | | | | | | |
|  | **Lehigh University**, Bethlehem, PA  Bachelor of Computer Science and Business (CSB Honors Program), Projected 2022  Major GPA: 3.7/4.0 Overall GPA: 3.48/4.0 | | | | | | | | | |
|  |  | | | | | | | | | |
| Image result for TOOLBOX ICON TRANSPARENT | **SKILLS** | | | | | | | | | |
|  | Programming Languages & Frameworks:  Java, C, Javascript, HTML, Node.js, Express, Dart | | | Database:  Relational Database (SQL) | | | | Infrastructure and Misc.:  Google Cloud, Docker,Elementor, Wordpress, Mangboard, Flutter | | |
|  |  | | | | |  | | |  | |
|  | Image result for project icons transparent**PROJECTS**  **Lehigh Leftover App**················································································································································································On-going  Motivated by the global concerns about the environment, I decided take part in the frontend of an application development with my friends that encourages decreasing food waste and promote sustainability.  *SQL/Flutter/Dart*   * Implemented the share function through Instagram, Facebook, text messages, and email. * Expertise in building an appropriate UI for Lehigh students and faculty members * Implemented the Google Maps services to help the users find their way through where the food is located.   **Personal Bank** ··························································································································································································03/2020  Motivated by the Oracle database class, this project aids myself as a programmer to advance further with creating database and managing it accordingly.  *SQL/Java/JDBC*   * Built a mock database and created, deleted, altered user information using SQL queries. * Basic calculations were implemented using credit cards, debit cards and checked overbalance and overdrafts. | | | | | | | | | |
|  | **Implementation of Algorithm and Data Structure**·······································································································································12/19  Motivated by the System Software course at Lehigh university, this project aims to create a dynamic data structure that takes in key-pair values and encrypt the file to practice defensive programming.  *C/C++*   * Implemented hash table dynamic resizing algorithm to optimize storing data and retrieving data. * Profiled performance of hash table to compare the runtime and space complexity using difference methods.   **Webpage development using css, html, and Javascript** ································································································· ····05/20  This project aims to improve the proficiency of Website development and basic uses of css, html, and Javascript.  *Javascript, Node.js, Express, html, css*   * Optimized and practiced basics of frontend development for building websites. * Built a responsive webpage that scales appropriately with the size of the device. | | | | | | | | | |
|  |  | | | | | | | | | |
|  | Image result for work icons**EXPERIENCES AND ACTIVITIES** | | | | | | | | | |
|  | **Lehigh University**············································································································································································Bethlehem, PA  *Teaching Assistant* ·································································································································································································08/2019 – Current   * Instructed a group of students for introductory Java course during supplementary lab/office hours to provide guidance and feedback on class assignments as well as course materials to help them strive. * Evaluated homework assignment submissions from students and prepared them for their next assignments. * Advise students on best practice and style for future computer science courses.   **Lehigh Student Technology And Repair Services**····························································································································Bethlehem, PA  *Junior Technician* ···································································································································································································01/2019 – Current   * Troubleshoot various computer and network issues * Established a process to backup and recovery using Lehigh’s central on-prem server and network. * Managed Jira project to efficiently record customers and manage data. * Consult faculty and administrative staffs on how to operate certain functions using technology. | | | | | | | | | |