Alexey Aulov

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SKILLS

Languages/Frameworks: C++, Python, PHP, SQL, React, SAS, HTML5, CSS, Tailwind-CSS, Bootstrap, JavaScript
Tools/Software: MySQL, Git, Microsoft Office, Microsoft Excel, Microsoft PowerPoint, Microsoft Form, MariaDB, Adobe Acrobat, Microsoft Visual Studio, Microsoft vs Code, Node.js, Xampp, PhpMyAdmin
Operating Systems: Windows
Spoken Languages: Russian, Spanish

RELEVANT EXPERIENCE

CUNY College of Staten Island   Staten Island/Remote
President of Information Systems Informatics Club   *March 2021-Present*
- Organize and create weekly workshops for students at College of Staten Island to learn about information technology, organization, time management, and collaborative skills.
- Arrange for special guests to speak at workshops and invite students to join hackathons and other events.
- Collaborate with four board members to design workshops to help club members advance in the technology field.

Hadassah Academic College   Remote
Data Analyst Intern   *May 2020-August 2020*
- Organized and implemented changes to Excel Spreadsheets needed for SAS to run analyses.
- Assessed data and reported any correlation within General Linear Models or Logistic Regressions Models.
- Participated in weekly meetings and provided input to the supervisor on approach to issues and concerns.

CUNY College of Staten Island   Staten Island, NY
IT Help Desk Assistant   *February 2020 - May 2020*
- Observed and troubleshooted college student and college staff account issues.
- Documented help desk tickets that needed supervision in CUNY software system.
- Configured systems to run the required settings for the CUNY software.
- Directed students and staff to the right technical procedures to address issues and needs.

EDUCATION

College of Staten Island (CSI), City University of New York (CUNY)   *Expected May 2022*
Bachelor of Science in Information Systems and Informatics
Relevant Coursework: Advanced Web Development, Python Data Structures for Business, Database Design, Calculus 3, Probability Theory and Mathematical Statistics, Introduction to Business Law

SELECTED PROJECTS

MOTOGP DATABASE DESIGN (SQL, Derby DB)
- Developed a database design that enables different companies in MotoGP to store available positions inside of their companies and the number of applicants per position.
- Designed a conceptual model to see if the relationships between the tables are appropriate for the application.
- Created a logical design to recreate a model that would best suit the application.
- Constructed DDL and DML using SQL and Derby DB.

COVID-19 VS TRAFFIC COUNT (Python)
- Designed a way to understand if there is a correlation between Covid-19 case count and 2020 traffic count.
- Used Panda library to Import three data sets to provide the data needed to determine relationship factors with python aggregates.
- Imported matplotlib to creates graph models to make analysis and conclusions on relationships.

E-COMMERCE WINE PROJECT (PHP and SQL)
- Developed a full stack e-commerce web application using Bootstrap, SQL, HTML, CSS, and PHP.
- Created Database using SQL and used MariaDB to store customer, product, and order information.
- Implemented Security procedures to sanitize and validate before being able to perform user actions.