Abdullah Almaini

Canadian Citizen •Mississauga, Ontario • abdullah.almaini@mail.utoronto.ca •+1 437-518-9080

Education

UNIVERSITY OF TORONTO   Expected Graduation Date: June 2027

Mississauga, ON
Honours in Bachelors of Science (H.Bsc.), Computer Science, Mathematics and Physics + PEY Co-op

Relevant Coursework: Software Design, Theory of Computation, Software Tools and Systems Programming

Projects

Stock Price Prediction
                                                                                Feb. 2024
- **Python Implementation:** Developed a stock price prediction system using Python
- **Data Analysis with Modules:** Leveraged modules such as matplotlib, Sci-Kit Learn, and numpy for comprehensive data analysis.
- **Forecasting with Support Vector Regression:** Employed support vector regression (SVR) algorithm to forecast stock prices over a 3-month period.
- **Data Source**: Utilized public stock price information sourced from CSV files for accurate predictions.

Software Design Course
                                                                                Sep. 2023 – Dec. 2023
- **Java Application Development:** Utilized Java and JavaFX to develop accessible-oriented adventure games in the course, applying coding concepts to practical scenarios.
- **Problem-Solving and Critical Thinking:** Cultivated problem-solving abilities and critical thinking through tackling complex software challenges in coursework.
- **Git Version Control and Conceptual Thinking:** Demonstrated conceptual thinking in software design and mastered Git version control for effective code repository management.
- **Scrum Experience:** Acquired practical experience with Scrum, enhancing skills in project management, teamwork, and iterative development.

Timezone Discord Bot
                                                                                Oct. 2023
- **Discord Bot Development:** Initiated and completed a Discord bot using Python, demonstrating end-to-end software development skills.
- **API Integration and Deployment:** Integrated APIs into the Discord bot and deployed it on Heroku, showcasing proficiency in enhancing software functionality with external services.
- **Adaptability and Version Control:** Demonstrated adaptability in managing evolving project requirements and challenges, and maintained effective version control using GitHub.

Skills

Technical: Java, Python, C, C++, C#, Git, Heroku, PostgreSQL,JavaFX, TKinter, Linux, Matplotlib, Sci-kit Learn
Languages: English & Arabic