Steven Mathew

Email | ste.tho.mat@gmail.com
Website | steven-mathew.github.io/website
GitHub | steven-mathew

👋 Hi, I'm a budding Computer Scientist from Canada interested in building meaningful connections.

SKILLS

Languages | Java, Python, C++, JavaScript
Web | HTML5, CSS3, Node.js, Express.js, Socet.io, Heroku, Vaadin. MongoDB
Other | Git, Linux

EDUCATION

University of Toronto HBSc in Computer Science | May 2023 | cGPA: 3.9

PROJECTS

argus. | github.com/steven-mathew/argus-accidents
Sep 2019 - present
- Built a real-time accident detection solution for live CCTV footage using TensorFlow's machine learning model developed in Python, Node.js, Expres.js, and Socket.io
- Reports road accidents immediately to the web and phone via Socket.io and Twilio API to reduce response time for assistance accommodations

Google CSSI-Coursera. | github.com/steven-mathew/Google-CSSI
Jun 2019 - Jul 2019
- Selected as a student of Google's Computer Science Summer Institute-Coursera program
- Completed an online course as part of (Advanced Algorithms and Complexity) Google's Data Structures and Algorithms curriculum
- Studied topics such as search problems, NP-completeness, and LP

Othello/Reversi with A.I. | github.com/steven-mathew/Othello-JavaFX
Jan 2019
- Created a Java application that uses Minimax and Alpha-Beta Pruning for artificial intelligence to play Othello.
- Designed the heuristic function which calculates the utility value of a board position by assigning different weights to the corners-captured on any given board configuration.

Competitive Programming | github.com/steven-mathew/Contest-Problems
Feb 2018 - present
- Repository containing all my competitive programming solutions
- Covered topics on Graph Theory, DP., Data Structures, etc.

AWARDS

Canadian Computing Competition 2018 | Top **25%** of **3017** contestants
HackerRank's ProjectEuler+ Contest | Ranked **512** out of **97357**
Computer Science Award (Gr. 10 & 11) | St. Edmund Campion SS
DM::OJ Competitive Programming | Top **600** | 200+ problems solved | dmoj.ca/user/indra