Ahmed Abbas

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EDUCATION

McMaster University — Hamilton, ON
BASc, Computer Science (Co-op), Cumulative GPA: 3.81/4.00 — Sep. 2020–Present
  - Relevant Coursework: Discrete Math, Intro to Software Design, Intro to Computational Thinking, Development Basics

SKILLS

- **Proficient:** JavaScript, Python, React, CSS, HTML
- **Familiar:** C, Node.js, Express, MongoDB, SQLite, Redux, jQuery, Haskell
- **Tools:** Git, Bash, Linux, FileZilla, Doxygen

PROJECTS

Chat App | ⬀ Website, ⬡ Github — May 2021
Node.js, Express, MongoDB, jQuery, Pug(Jade), CSS
  - A full-stack app with real-time client-server communication via Socket.io
  - Used 13 npm packages to implement features including local authentication, OAuth, and password hashing

Sudoku Game & Solver | ⬡ Github — May 2021
Python
  - Developed a UI to play sudoku, using OOP and the Pygame module
  - Implemented a feature to solve the entire board using a backtracking algorithm

Pomodoro Timer | ⬀ Website, ⬡ Github — May 2021
React, CSS, HTML
  - Developed a clone of ⬀ Pomofocus.io, using React Hooks for effective state and component lifecycle management

EXTRACURRICULAR

Room To Read Toronto — Greater Toronto Area, ON
VP Outreach — Jan. 2021–Present
  - Worked with a team of 3 outreach members and 7 other executives
  - Networked with 24 local organizations/clubs, running social media collaborations
  - Helped organize and run an event to prepare incoming university students