

Jean Baptiste Merville

jb.merville@gmail.com | jbmerville.github.io | available **April - September 2020**

Education	York University , BSc in Computer Science, GPA: 3.8/4.0 Toronto, ON Courses Software Design, Advanced Object Oriented Programming, Introduction to Database Systems, Fundamentals of Data Structures, Computer Organization, Compilers and Interpreters Jan 2017 Present
Technical Skills	Languages JavaScript, Python, Java, C, Bash, HTML, CSS Frameworks NodeJS, ReactJS, React-Native Platforms Git, Heroku, MongoDB, Postman
Work Experience	Srvice , <i>Software Engineer Intern</i> Toronto, ON Oct 2019 Present <ul style="list-style-type: none">Developed features for the contractor side of the business of the mobile and web applications using React-Native. Generali Group , <i>Technical Support</i> Saint Denis, France Jun 2016 Nov 2016 <ul style="list-style-type: none">Transferred and verified over 30,000 client pdf files into a data base, using excel and internal software.Created formatting tools to help accelerate the process of transferring pdf files into excels.
Projects	Team Finder Bot , https://github.com/jbmerville/facebook-chatbot <ul style="list-style-type: none">Developed a Facebook Messenger bot that matches teams and people looking for a team to work on projects together, using NodeJS and Heroku.Connected the bot to a MongoDB database to allow filtering and proximity matching of team and teammates. Path Finder Visualizer , https://github.com/jbmerville/Path-Finder <ul style="list-style-type: none">Created a web app implementing a matrix of nodes modifiable by the user using NodeJS and ReactJS.Implemented Dijkstra's algorithm, A* algorithm, Euclidian shortest path.Implemented depth-first search, recursive backtracking and Randomized Kruskal's algorithm to generate mazes. Data Analysis of iPhone X , https://github.com/jbmerville/Ebay-Ads-Analysis <ul style="list-style-type: none">Collected over 10,000 ads over 3 months using eBay API.Treated and analyzed data using Pandas and concluded that the iPhone X median lost is 0.85\$ per day. Hide Your Notes , https://jbmerville.github.io/#hide-your-notes <ul style="list-style-type: none">Developed a Google Docs add-on that toggles selected parts of the document either visible or invisible using Google Docs API.Designed branding to promote the add-on on Google Store using Photoshop.
Achievements	Genesys Hackathon , <i>3rd Place Winner</i> Oct 2019 <ul style="list-style-type: none">Utilized the Genesys REST API to build AI models in order to generate FAQs about university professors, and built two web-scrappers to create a database of questions and answers.