

Syed Faraz Hussain

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Skills

Languages	Python, Java, Javascript, C/C++, SQL, R
Tools & Frameworks	Node.js, React, Express, Flask, Swing, MongoDB, PostgreSQL, Shell, Git, Verilog

Experience

Sidewalk Labs <i>Web Application Developer</i>	Toronto, ON, Jan 2020 - Apr 2020
<i>Python, Jupyter, OpenCV, ipywidgets, HTML, CSS</i>	
<ul style="list-style-type: none">• Lead a team of three to create a web application that organizes and visualizes pedestrian and vehicle data collected by Numina sensors from locations around Toronto.• Utilized OpenCV Python framework to produce dynamically generated heatmaps and velocity maps.• Provided extensive documentation and presented finished application to shareholders and senior developers at Sidewalk Labs.	
Taruca Inc. <i>Web Application Developer</i>	Toronto, ON, Apr 2019 - Present
<i>React, Node.js, Express, MongoDB, Javascript, HTML, CSS</i>	
<ul style="list-style-type: none">• Founded and managed a student run startup that develops software solutions for small businesses.• Held weekly team meetings and supervised the completion of tasks.• Created a web reservation system for a small family owned restaurant and developed an algorithm to select optimal seating arrangements for reservations.	

Projects

Sigma	github.com/farazsfh/sigma
<i>React, Node.js, Express, Javascript, Spotify API, Recharts, HTML, CSS</i>	
<ul style="list-style-type: none">• Developed various personalized Spotify playlist data visualizations using information from the Spotify Web API.• Created backend web server with Express to securely authenticate users and handle API requests from the React frontend.• Built an interactive React webpage to display customizable visualizations that allow the user to thoroughly explore their data.	
EasyHR	github.com/farazsfh/easyhr
<i>Java, Swing</i>	
<ul style="list-style-type: none">• Built a graphical HR system that allows recruiters to set up interviews, collect resumes and conduct multiple interview rounds.• Created an authentication system that manages both user and recruiter accounts and produces different views based on account type.• Produced UML diagrams to organize classes and manage inheritance and relationships between them.	
StockView	github.com/farazsfh/stockview
<i>Python, Flask, Celery, Finnhub API, HTML, CSS</i>	
<ul style="list-style-type: none">• Created an interactive webpage displaying real time market information about any user selected stocks, cryptocurrency and forex.• Utilized Finnhub financial data API with Celery framework to manage updates of ticker data while avoiding overload of API requests.	
Todo	github.com/farazsfh/todo
<i>Android, Java</i>	
<ul style="list-style-type: none">• Built a responsive, easy to use todo list application for Android 5.0+.• Created a rewards system that incentivizes completing tasks and archives completed tasks for future reference.	

Education

University of Toronto	Bachelor of Computer Science & Data Science 2018-23 , 3.89 GPA
Courses	OOP, Databases, Algorithms, Web Programming, Software Engineering, Software Tools