

JULIAN MAINGOT

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TECHNICAL STRENGTHS

Computer Languages	C, C++, Javascript, C#, Java
Platforms & Frameworks	Angular, MongoDB, Microsoft SQL
Tools	Git, Azure, Circle CI, Bitrise

EXPERIENCE

Flynn Group of Companies <i>Mobile and Web Developer Co-op</i>	September 2016 - December 2016 <i>Mississauga, ON</i>
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- Developed a service worker feedback manager using Angular, C# and SQL with continuous deployment to Azure
- Constructed responsive web layouts to support feedback submissions on desktops and mobile devices
- Implemented an admin page to manage and respond to submitted feedback using a REST API
- Added an “Additional Notes” feature to the field worker timecard management app using JS and C#
- Deployed new timecard features to 20+ company branches by writing SQL scripts to migrate production data
- Set up continuous integration testing for 3 projects using Circle CI, Bitrise, and Visual Studio Team Services

Flynn Group of Companies <i>Mobile and Web Developer Co-op</i>	January 2016 - April 2016 <i>Mississauga, ON</i>
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- Implemented data views for a web dashboard where the service team visualizes project-related metrics
- Built REST API calls in C# which process data from MongoDB and SQL to create views in the dashboard
- Reduced dashboard API load time from 20s to 1s by optimizing MapReduce operations and SQL queries
- Wrote 200+ JS and C# unit tests for project dispatching code in the project management app

Max Robotics Inc. <i>Co-Founder</i>	May 2015 - Present <i>Mississauga, ON</i>
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- Developed a website using HTML, CSS, JS and Bootstrap to display company info to customers
- Taught robotics courses using the VEX IQ robotics system and Java programming courses
- Executed a community marketing strategy to grow customer base and brand
- Interviewed, hired and managed schedules for a team of 3 - 6 instructors

PROJECTS

Doodle Program <i>CS 349: User Interfaces</i>	February 2017
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- Developed a drawing app with traceable and rewritable history by applying affine transformations on regular polygons in Java using MVC

Ride Along <i>Climathon</i>	October 2016 <i>github.com/luongch/climathon-2016</i>
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- Designed an app for parents to post and find carpools for their children using Angular and Express
- Built a map interface for posting and querying routes using the Google Maps SDK

EDUCATION

University of Waterloo <i>3A Bachelor of Computer Science</i>	September 2014 - August 2019 (expected)
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- Relevant Coursework: Algorithms, Operating Systems, User Interfaces, Data Structures, OOP