JESSE CARTER

SOFTWARE ENGINEER

/ CONTACT DETAILS

- github.com/jessecarter111
- jessecarter.ca
- linkedin.com/in/jesse-carter/
- @ m.c.jesse@live.com
- 613-869-1150

/ ALL ABOUT ME

Recent Comp Sci graduate with real world experience developing functional, readable, and efficient code for a variety of companies and industries.

/ PERSONAL PROJECTS

Currently creating a basic Django project to scrape the web for NBA stats, populate/update them in a SQLite database, and display them with a basic UI.

/ EDUCATION HISTORY

>> Bachelor of Computer Science
Dalhousie University | 09/2014 - 04/2019
>> Co-op Certification
Dalhousie University | 09/2016 - 04/2019

/ AUSTRALIA 417 VISA 08/2019 - 04/2020

>> Construction Worker
Amrick Pty Ltd | January 2020 - March 2020

>> Bartender
Melbourne Public | September 2019 - March 2020

/ COMPETENCIES

- Python
- JavaScript
- React
- Ruby
- HTML/CSS
- SQL
- Git
- UNIX
- Data Structures/Algorithms
- Agile Dev. Methodology

/ WORK EXPERIENCE

>> Junior Software Engineer
Intertalk | April 2018 - September 2018
Wrote efficient and reliable C to run on embedded systems used by first responders.
- Developed a polyphase interpolation filter, saving 10% CPU usage on sampling operations, extending the life of both the product software and hardware.
- Extended software functionality by adding DTMF Knox and other digital signal processing capabilities.

>> Junior Software Engineer
Lockheed Martin | September 2017 - December 2017
Expanded CMS 330 3D display capabilities by writing reusable and well documented Java.
- Increased accuracy of 3D map display by rewriting legacy mapping libraries to better reflect a 3D map projection.
- Enhanced functionality of the CMS 330 map display by creating visualizations for vehicle, ordinance, and object trajectory tracking.
- Wrote python scripts to identify, replace and update legacy code.

>> Software Tester
Math Resources | January 2017 - April 2017
Tested several educational web apps while writing test-case and usage documentation.
- Performed black box testing on several web apps to aid developers and perform project management in JIRA.
- Worked with developers to set deadlines and release goals.
- Maintained, updated and edited documentation for stakeholders and clients.

>> IT Support
Inkline Media | May 2016 - September 2016
Helped design and implement custom websites and provide IT support to clients on a range of issues.
- Collaborated on the design and implementation of websites using a combination of custom elements and WordPress plugins.
- Operated as a IT specialist to provide clients with user support for a range of issues from content management to deploying custom email campaigns.