



JESSE CARTER

SOFTWARE ENGINEER

/ CONTACT DETAILS

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🔗 <https://github.com/jessecarter111>

/ 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

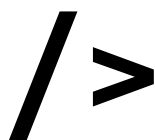
Currently creating a basic Django project to scrape the web for NBA stats, populate/update them in a database, and display them with a basic UI.

/ REFERENCES

David A. Bardsley | Senior Electrical Engineer | Intertalk
P: 1-902-468-5998 ext. 210
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371 Cutler Avenue, Dartmouth, NS

/ EDUCATION HISTORY

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



/ 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.

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

Performed basic skilled and unskilled labour around different job sites in Melbourne, Australia.

>> **Bartender**
Melbourne Public | September 2019 - March 2020
Served guests a variety of beers, spirits, wines, and cocktails. Waited on and served guests during food service. Cleaned and closed the venue at the end of service.

/ COMPETENCIES

■■■■■ Python
■■■■■ Django
■■■■■ HTML/CSS
■■■■■ Javascript
■■■■■ Java
■■■■■ SQL
■■■■■ Git
■■■■■ UNIX
Software Design Patterns
Agile Development Methodology