



# JESSE CARTER

## SOFTWARE ENGINEER

### / ALL ABOUT ME

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

### / REFERENCES

David A. Bardsley | Senior Electrical Engineer | Intertalk  
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### / CONTACT DETAILS

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🌐 <https://github.com/jesseccarter111/School-Work>

### / 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 libraries to better reflect a 3D map projection.
- Enhanced functionality of the CMS 330 map display by creating visualizations for "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.

### / COMPETENCIES

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

### / EDUCATION HISTORY

#### >> Bachelors of Computer Science

Dalhousie University | 2014 - 2019

#### >> Co-op Certification

Dalhousie University | 2016 - 2019