

# EMERSON L. BERLIK

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## PROFESSIONAL SUMMARY

Motivated junior currently attending Thomas Jefferson High School for Science and Technology with experience in website and mobile app development.

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## EXPERIENCE

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| 2016<br>(summer) | <b>BroadSoft, Inc.</b><br>Intern (Reston, Virginia) <ul style="list-style-type: none"><li>• Worked with the Intellinote team on quality assurance</li><li>• Used AWS for updating metrics</li><li>• Used Intellinote's RESTful API and Node.js for server communication</li></ul>   |
| 2017<br>(summer) | <b>MITRE</b><br>Intern (McLean, Virginia) <ul style="list-style-type: none"><li>• Worked with the MEAN stack to make a hybrid application</li><li>• Used Ionic2 framework for mobile integration</li><li>• Used Loki.js for offline synchronization</li><li>• Worked with cesium quantized terrain tile generator</li></ul> |

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## EDUCATION

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|------------------|---|
| 2014–2018        | <b>Thomas Jefferson High School for Science and Technology</b><br>Alexandria, Virginia  |
| 2015<br>(summer) | <b>Johns Hopkins University, Center for Talented Youth</b><br>Residential program at Dickinson College, Carlisle, PA <ul style="list-style-type: none"><li>• Course: Game Theory</li></ul>  |
| 2014<br>(summer) | <b>Johns Hopkins University, Center for Talented Youth</b><br>Residential program at Dickinson College, Carlisle, PA <ul style="list-style-type: none"><li>• Course: Cryptology</li></ul>   |
| 2013<br>(summer) | <b>Johns Hopkins University, Center for Talented Youth</b><br>Residential program at Johns Hopkins University, Baltimore, MD <ul style="list-style-type: none"><li>• Course: Mathematical Logic</li><li>• Awarded "High Honors" during 2013 Talent Search (top 25% among all students in CTY's Talent Search)</li></ul> |

## SKILLS

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W!SE Financial Literacy Certification	Proficiency with Git
Mobile application in Swift/Xcode	Proficiency in Java
Website Development in Javascript/HTML	Proficient with MEAN stack
Proficiency with Data Structures	Experience with ArcGIS

## ACTIVITIES

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- HackTJ – 24-hour East Coast coding competition (attended 02/16, 02/17)
- TJ Mobile App Club – Co-President
- TJ Chess Club – Co-President
- Varsity Tennis – 1 year
- National Honor Society – Tech Chair
- USA Computing Olympiad – Gold Division
- MITRE Intern Hackathon – 2<sup>nd</sup> place in MITRE's 24-hour intern event (attended 07/17)