

# MICAH ELLIOT HALTER

## BASIC INFO

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WEBSITE: mehalter.com

PHONE: (704) 490-9840  
LOCATION: Atlanta, Georgia

## EDUCATION

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| AUG 2015 –<br>MAY 2019 | <b>Bachelor of Science in Computer Science</b><br><i>Georgia Institute of Technology, Atlanta, Georgia.</i><br>Focus in system architecture and theory<br>Dean's List Fall 2015, Spring 2016, Fall 2016 |
| AUG 2017 –<br>DEC 2017 | <b>Bachelor of Science in Computer Science</b><br><i>Hong Kong University of Science and Technology, Hong Kong.</i><br>Studied abroad                                                                   |

## PROFESSIONAL EXPERIENCE

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| JAN 2016 –<br>CURRENT  | <b>Georgia Tech Research Institute – Student Research Assistant</b><br><i>Atlanta, Georgia.</i><br>Developed a machine learning based crime forecasting system using past crime and geographical data<br>Developed a wearable technology based 911 communication assistance tool<br>Researched functional programming in Scala to improve computing efficiency in areas like stream processing |
| MAY 2017 –<br>AUG 2017 | <b>The Boeing Company – System Administrator Intern</b><br><i>Kent, Washington.</i><br>Developed a security auditing tool suite for Red Hat Enterprise Linux 7<br>Developed a web-based data visualization tool<br>Developed several system administration scripts as needed by team members                                                                                                   |
| MAY 2016 –<br>AUG 2016 | <b>The Boeing Company – Programmer Analyst Intern</b><br><i>North Charleston, South Carolina.</i><br>Documented and executed an upgrade plan for the company's identity management servers<br>Developed an Outlook-integrated conference room mapping tool<br>Designed and began development of a web-based Kanban board tool                                                                  |

## PROJECTS

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| FEB 2015               | <b>Multi-Player Conway's Game of Life</b><br>Developed a Java-based version of Conway's Game of Life<br>Created and implemented new rules to the automaton to introduce competition between two cell strains                                                                                                                                                                                                                      |
| AUG 2014 –<br>APR 2015 | <b>Verificia</b><br><i>Conrad Spirit of Innovation Challenge.</i><br>Designed a new security method to protect against key-loggers, mouse-trackers, and screen-grabbers<br>Developed and deployed a working prototype as a proof of concept<br>Pitched the idea through a business portfolio and presentation to investors and competition judges<br>Achieved finalist status in the competition as a Pete Conrad Summit Diplomat |

## LANGUAGES

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C, Scala, Java, C#, Python, Perl, Bash, SQL, MySQL, PostgreSQL,  $\text{\LaTeX}$ , HTML, CSS, JavaScript

## COMMUNITY INVOLVEMENT

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| AUG 2015 –<br>MAY 2017 | <b>TEDxGeorgiaTech</b><br><i>Georgia Institute of Technology and TED.</i><br>Organized an official TEDx university even with a group of students at Georgia Tech<br>Designed all of the visuals for the conference, including rewriting the event website TEDxGeorgiaTech.com |
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