

# MICAH ELLIOT HALTER

## BASIC INFO

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EMAIL: micah@mehalter.com  
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PHONE: (704) 490-9840  
GITLAB: gitlab.com/mehalter

## EDUCATION

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

## PROFESSIONAL EXPERIENCE

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- JAN 2016 – CURRENT | **Georgia Tech Research Institute – Student Research Assistant**  
*Atlanta, Georgia.*  
Submitting a technical research paper to the US Naval Journal of Undersea Research  
Implementing a relational database schema to enhance sonar research  
Developed a machine learning based crime forecasting system using past crime and geographical data  
Developed a wearable technology based 911 communication assistance tool
- MAY 2017 – AUG 2017 | **The Boeing Company – System Administrator Intern**  
*Kent, Washington.*  
Developed a security auditing tool suite for Red Hat Enterprise Linux 7  
Developed a web-based data visualization tool  
Developed several system administration scripts as needed by team members
- MAY 2016 – AUG 2016 | **The Boeing Company – Programmer Analyst Intern**  
*North Charleston, South Carolina.*  
Documented and executed an upgrade plan for the company's identity management servers  
Developed an Outlook-integrated conference room mapping tool  
Designed and began development of a web-based Kanban board tool

## PROJECTS

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- NOV 2017 – PRESENT | **Linux Configuration**  
*System Administration.*  
Configured and maintain a minimal Linux installation to meet my development needs  
Developed many custom scripts to optimize my workflow
- SEP 2016 – NOV 2016 | **Clean Water Crowdsourcing**  
*Software Development.*  
Completed the full-stack development process from design to implementation of a full Java based application  
Demonstrated good development practices to make sure code is concise, maintainable, and sharable

## LANGUAGES

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C/C++, Scala, Java, C#, Python, Perl, Bash, SQL, MySQL, PostgreSQL, L<sup>A</sup>T<sub>E</sub>X, HTML, CSS, JavaScript

## COMMUNITY INVOLVEMENT

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- AUG 2015 – PRESENT | **Georgia Tech Men's Ultimate Frisbee**  
*Georgia Institute of Technology.*  
Balance competitive practice and tournament schedule with rigorous academics  
Help with recruitment and teaching new players