

MICAH ELLIOT HALTER

BASIC INFO

EMAIL: micah@mehalter.com
WEBSITE: mehalter.com

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

EDUCATION

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

PROFESSIONAL EXPERIENCE

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| JAN 2016 –
CURRENT | Georgia Tech Research Institute – Student Research Assistant
<i>Atlanta, Georgia.</i>
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
<i>Kent, Washington.</i>
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
<i>North Charleston, South Carolina.</i>
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
<i>System Administration.</i>
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
<i>Software Development.</i>
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 & SKILLS

Full Stack Development • System Administration • Database Design and Management
High Performance Computing • Machine Learning • Agile Development
C/C++, Python, Go, Java, C#, Perl, Bash, SQL, MySQL, PostgreSQL, \LaTeX , HTML, CSS, JavaScript

COMMUNITY INVOLVEMENT

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