

MICAH ELLIOT HALTER

BASIC INFO

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EDUCATION

- 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

- 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

- NOV 2017 – PRESENT | **Linux Configuration**
System Administration.
Configured 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

C/C++, Scala, Java, C#, Python, Perl, Bash, SQL, MySQL, PostgreSQL, L^AT_EX, HTML, CSS, JavaScript

COMMUNITY INVOLVEMENT

- 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