MICAH ELLIOT HALTER

BASIC INFO

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WEBSITE: mehalter.com   GITLAB: gitlab.com/mehalter

EDUCATION

AUG 2015 –
MAY 2019
Bachelor of Science in Computer Science
Georgia Instute of Technology, Atlanta, Georgia.
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
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 and maintian 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 & 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

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