

MICAH ELLIOT HALTER

BASIC INFO

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

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

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.
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

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

LANGUAGES

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

COMMUNITY INVOLVEMENT

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