

# Matt Gerst

✉ matt@mattgerst.me • 🌐 www.mattgerst.me • GitHub: mgerst

## Education

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### Iowa State University

*Bachelor of Science, Computer Engineering*

**Ames, IA**

*Fall 2012–Fall 2017*

## Work Experience

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### ISEAGE Lab

*Research Assistant*

**Ames, IA**

*August 2015–Summer 2017*

- Planned and coordinated Cyber Defense Competitions. Served as Director for High School competition in the Spring of 2016.
- Maintained Cyber Defense Competition Scoring System. Implemented automated testing of the system. Standardized the release process.
- Developed automation tools for deploying Virtual Machines.
- Created insecure applications for Cyber Defense Competitions.
- Administered infrastructure used for Cyber Defense Competitions.
- Provided technical support for users.

## Academic Project Experience

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**Senior Design Project:** December 2016, 1st Place

- Collaborated with peers to design a system for Android phones to communicate with each other in a mesh network.
- Developed the API used to send data between phones.

## Activites

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- *1st Place*, Argonne National Labs Cyber Defense Competition: Spring 2016
- *3rd Place*, Spring Iowa State Cyber Defense Competition: Spring 2015
- *3rd Place*, Spring National Cyber Defense Competition: Spring 2015
- *3rd Place*, Fall Iowa State Cyber Defense Competition: Fall 2013
- *Member*, Information Assurance Student Group: Fall 2012–Spring 2017
- *Member*, Iowa State Concert Band: Spring 2013–Spring 2017

## Technical Skills

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- **Languages:** Python, Django, HTML, Java, C/C++, JavaScript, Bash, Ruby
- **Software:** MS Office, PyCharm, VMWare, Ansible, Git, GitLab CI
- **OS:** Linux, Windows