

Cody Ferguson

<http://codyferguson.us/resume>
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EDUCATION

ILLINOIS STATE UNIVERSITY

BACHELOR OF COMPUTER SCIENCE

Grad. Dec 2017 | Normal, IL

Cum. GPA: 3.73

JOLIET JUNIOR COLLEGE

ASSOCIATE IN SCIENCE

Grad. May 2015 | Joliet, IL

Cum. GPA: 3.89

COURSEWORK

Web Development
Distributed Systems
Database Processing
Data Communications
Algorithms and Data Structures
Principles of Operating Systems
Application Development

EXTRACURRICULAR

Competitive Programming Club
Web Development Club
ISUsec (Security)
State Farm CTF
State Farm Mobile Development Contest
IT Professional Mentorship Program

SKILLS

PROGRAMMING

Experienced:

Python • C# • Java • Terraform

Skilled:

C++ • C • Shell • JavaScript • CSS

Familiar:

Android • SQL • \LaTeX • PowerShell

SECURITY

GIAC Security Essentials (GSEC)
GIAC Advisory Board Member
Secure Coding
Antivirus Policy Management (SEPM)
AWS Configuration Validation

INFRASTRUCTURE

Terraform AWS Deployment
Basic Networking
Asset Management

EXPERIENCE

STATE FARM | SOFTWARE DEVELOPER

Feb 2019 - Present | Bloomington, IL

- Automated validation of AWS security configurations
- Deployed AWS infrastructure with Terraform
- Created callable microservices in AWS Lambda

| INFRASTRUCTURE SECURITY ANALYST

Jan 2018 - Feb 2019 | Bloomington, IL

- Automated endpoint protection configuration/management on 200k+ clients
- Upgraded Symantec Endpoint Protection Manager infrastructure
- Enabled External Device Usage Control to block reading from USB storage

| INTERN

Jan 2018 - Feb 2019 | Bloomington, IL

- Created framework for CTF website to be used in recruiting events
- Wrote JCL job to find invalid IDs with DB2 access using RACF

ILLINOIS STATE UNIVERSITY | DEBUGGER

Jan 2017 - Dec 2017 | Normal, IL

- Helped students solve issues with their Java code

| TEACHING ASSISTANT

Aug 2016 - Dec 2017 | Normal, IL

- Taught students object oriented programming concepts with Java

| GRADER

Aug 2016 - May 2017 | Normal, IL

- Deciphered students' Java code and evaluated effectiveness

WALMART | SALES ASSOCIATE

Apr 2014 - Jul 2015 | New Lenox, IL

- Assisted customers in difficult situations
- Trained new associates on processes

LINKS

LinkedIn:// [cody-ferguson](#)

Website:// codyferguson.us/resume

CERTIFICATIONS

2019 **GIAC Security Essentials Certification (GSEC)**

2019 **GIAC Advisory Board**