

**Áva (Avery) Klingbeil**  
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Objective To obtain a full time position in a computer science or security field

Education Missouri University of Science and Technology May 2020  
**Bachelors of Science, Computer Science** **Major GPA: 3.342**

Relevant Coursework

Computer Security    Offensive Security    Computer Networks  
Operating Systems    Structure of a Compiler    Software engineering

Experience SeNDeComp Lab Rolla, MO  
**Research Assistant** June 2019 - Present

- Develop test automation methods to allow safe destructive testing of hardware while maintaining data integrity
- Construct kernel modules for data collection and resilience under extreme conditions
- Assist in general research tasks as required

True Manufacturing O'Fallon, MO  
**Security Analyst (Coop.)** May 2017- Jan 2018

- Monitored software and hardware devices to detect and assess security incidents
- Analyzed possible malware and developed rules to prevent recurrence of incidents
- Performed risk assessment of new software and hardware before purchase and deployment

Programming C/C++    Python    x86\_64 Assembly    Java  
Skills Software Reverse Engineering    Bash scripting

Projects gnOSis - A simple from-scratch x86 operating system  
IB Radio Telescope - Small scale auto tracking telescope for radio astronomy

Activities Collegiate Penetration Testing Competition October 2018  
BSides Security Conference September 2016-18  
Sandia National Labs Cyber Security Boot Camp January 2017  
BSides CTF 1st place September 2016  
MinerAI AI Programming Competition November 2015