Caleb Hess

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Education

Georgia Institute of Technology   *Atlanta, GA*
B.S. in Computer Science   *Fall 2015 – Spring 2019*
- o   GPA: 3.2
- o   Focus: Systems & Architecture and Information Internetworks

Experience

AT&T   *Washington, D.C.*
Software Engineer Intern   *June 2018 – August 2018*
- o   Designed, implemented, and deployed an improved, extensible backend model for AT&T's project tracker
- o   Developed RESTful APIs to allow for seamless data transfer between applications
- o   Thoroughly documented projects and wrote unit tests, adhering to Test-Driven Development

Georgia Institute of Technology – Office of Information Technology   *Atlanta, GA*
Security Engineer Intern   *May 2017 – August 2017*
- o   Monitored and triaged incoming security incidents and alerts
- o   Reviewed vulnerability reports and performed digital forensics for related investigations through Splunk
- o   Wrote scripts to identify compromised systems and worked directly with the system's administrator for remediation

Georgia Institute of Technology – Introduction to Object Oriented Programming   *Atlanta, GA*
Teaching Assistant   *January 2017 – May 2017*
- o   Presented weekly recitations to some 50 students, echoing key concepts from lecture and answering questions
- o   Facilitated deep understanding of Java by holding regular office hours and assisting students with assignments
- o   Regularly coordinated and reevaluated with professors and TA team, analyzing our feedback, efficiency, and goals

Projects

Bug Hunter
Full Stack Developer   *September 2018 – Present*
- o   Creating a vulnerability scanner that automatically scrapes bug bounty programs, deploying on newly added apps
- o   Aggregate multiple reconnaissance tools to provide a better understanding of the target, allowing strings of exploits

Oasis
Backend Developer   *January 2017 – May 2017*
- o   Developed a scalable backend architecture for an application designed to track reservoirs of clean water
- o   Managed team progress through scrum, and leveraged Domain-Driven Design during implementation

Leadership

Georgia Tech Housing   *Atlanta, GA*
Peer Leader   *August 2018 – Present*
- o   Use strong communicative and interpersonal skills to keep my residents safe and involved on campus

GreyHat Club   *Atlanta, GA*
Communications Chair   *April 2017 – April 2018*
- o   Oversaw publicity and communications for Georgia Tech's cybersecurity club
- o   Presented cybersecurity attacks, methodologies, and companies to all club attendees
- o   Participated in CTF competitions, such as CSAW, where our team placed 6th in the world

Skills

Languages: Java, Python, C, C++, PHP, MySQL, JavaScript, HTML, CSS, LC-3/LC-2200 Assembly

Frameworks/Other: Spring, Hibernate, React, Flask, JUnits, Maven, Android, Linux, Unix, Git