

Austin B. Siford

austin.siford@gmail.com || abs.codes

+1 (240) JAG-YM09

A cybersecurity and software professional with over a decade of experience. Specializations in offensive security, asset targeting, strategic intelligence gathering, incident response, security investigations, assisting law enforcement investigations, corporate security, security policies & procedures, conducting security education, and developing security software. Direct software engineering experience in a wide variety of languages, with experience in the scrum agile methodology.

Professional Experience

Apr 2019 - Present Product Security Boston, MA
SALESFORCE.COM, INC – Trust & Security Assurance

- Primarily supporting all Commerce Cloud engineering in advanced security efforts
- Leading subject matter expert security efforts in Commerce Cloud's Einstein AI, Intelligence (Analytics), AppExchange, Developer Experience, Runtime, Reference Applications, and other internal special projects.
- Lead key security projects and drive business partners to effective security outcomes
- Conduct internal security trainings for engineers, represent Salesforce at security industry conferences, represent Commerce Cloud at Dreamforce and other customer facing eCommerce industry conferences
- Investigate security incidents and assist CSIRT with any necessary investigations, supporting customer engineers or third-party investigators where necessary

Sept 2013 - Apr 2019 Information Security Morgantown, WV
WEST VIRGINIA UNIVERSITY – Information Security Services & Privacy Office

- Lead red teaming and ethical hacking efforts on enterprise software and business processes
- Independently research software security and secure business processes; assure data integrity, strength of security controls, and compliance with HIPAA/FERPA/GDPR/PCI-DSS, among other institutional governance requirements
- Investigate security incidents across the organization, supporting law enforcement when necessary
- Assist University Police – a state law enforcement agency – in advanced cybersecurity where necessary
- Promote security awareness within the University community in user-facing support programs, public media appearances, guest talks in academic settings, and through community security services
- Work directly with software engineers and vendors to remediate security issues discovered in applications
- Developed both internal and open source tools to gather security metrics and prepare analytics, automate various security operations & business processes, and create data visualizations

May 2009 - Present Security Consultant; Software Developer; Counsel Remote w/ travel
AB SECURITY (also doing business as AUSTIN DIZZY)

Freelancing software development, investigative, and security services to a large (and growing) number of organizations – and personally to high profile individuals – in industries such as, but not limited to: eCommerce, media production; real estate & finance; law & legal services; news & social media; education; and government agencies both foreign and domestic.

Including, but not limited to: Google, WV Dept of Ed, Travis CI, Snapchat, WV State Office of Technology, Activision Publishing, Cooler Master, McGraw-Hill Education, Nexstar Broadcasting, and the District School Board of Niagara.

May 2016 - Jan 2018 Content and Learning Advisor Remote
CODECADEMY / RYZAC, INC

Reported content errors and product bugs. Worked directly with students, conducting instruction on topics such as JavaScript (and Node.js), Ruby (and Rails), Python, Java, SQL and database concepts, application architecture and design, and basic computer science concepts.

Apr 2012 - Apr 2018 Content Creator Remote w/ travel
FULLSCREEN, INC - Content Production

Create, edit, and produce video, audio, and still-image media for entertainment and educational purposes. Assisting other creators in achieving their goals in a variety of capacities, from editing and production, to expert commentary on topics and specialized software development.

Mar 2012 - Feb 2013 Security Operations Remote
IMAGINE CUSTOMS, INC

Secured operations, assured safe business practices, legal compliance, and safe payment aggregations for \$500,000+ in eCommerce sales.

Educational History

| | | |
|-------------|--|-----------------|
| 2013 - 2018 | WEST VIRGINIA UNIVERSITY | Morgantown, WV |
| | Bachelor of Science in Computer Science, studies in cybersecurity & software engineering; Political Science, with studies in national security, intelligence, public opinion, elections. | |
| 2011 - 2012 | JAMES RUMSEY TECHNICAL INSTITUTE | Martinsburg, WV |
| | Cisco Networking Academy, Cisco CCNA prep | |
| 2009 - 2013 | HEDGESVILLE HIGH SCHOOL | Hedgesville, WV |
| | AP Chemistry Lab Assistant, AP Physics tutor, WV State Science Fair 2009 & 2010 – Chemistry | |

Personal Projects

Below is a small sample of personal and open source projects I've done, with this work and others featured on GitHub at <https://github.com/AustinDizzy>.

| | |
|-------------------|---|
| securitycenter-go | Go library and command line interface for interfacing with Tenable SecurityCenter |
| Davine | Open-data analytics platform built to study, track, and report on natural social interactions on Twitter's Vine social media network. |
| Whiteboard | Higher education social issue tracker, allowing user voting and interaction with social media tracking and deep report generation for campaign staff. Used in a University student government campaign. |
| WVU PRT Status | Service monitoring uptime status of WVU's Personal Rapid Transit, alerting riders on service disruption with mobile companion apps. Calculates system efficiency using public data analysis. |

I've also contributed to and named as a contributor on projects by: Google, Travis CI, Twitter, and more.