

Avi B. Ginsberg

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Education

Georgetown University Law Center <i>Master of Laws (with distinction)</i> GPA: 3.77 Concentration: International Business & Economic Law	January 2021
Georgetown University Law Center <i>Juris Doctor (cum laude)</i> <i>Technology Law & Policy Scholar</i> GPA: 3.51 Journal: Georgetown Technology Law Review (<i>Director of Technology</i>) Clinic: Communications and Technology Law Clinic (Spring 2019) Activities: Cyber Law Society (<i>Vice President</i>), OutLaw (LGBT student group)	May 2020
Monmouth University <i>MS Computer Science, Databases & Intelligent Systems (Thesis Track)</i> GPA: 4.0 Awards: Highest Ranking CS Degree Recipient (Graduate); Academic Excellence Award in CS Thesis: Rapid Homoglyph Prediction and Detection through Visual HitZone Mapping and Comparison	May 2017
Monmouth University <i>BS Computer Science, Applied Computing (summa cum laude)</i> GPA: 4.0 Honors: Highest Ranking CS Degree Recipient (Undergraduate); Academic Excellence Award in Computer Science Applied Computing; Upsilon Pi Epsilon (Honor Society for the Computing Sciences); Tau Sigma (Transfer Student Honor Society)	May 2016

Experience

Foley & Lardner LLP, Boston, MA <i>Associate</i> (law firm) <ul style="list-style-type: none">• Advise clients on information security programs and cybersecurity incident response preparation• Assist clients with responding to data breaches, business email compromises, and ransomware attacks• Perform technology transaction due diligence (data privacy, cybersecurity, open source software)• Counsel clients on complex data issues, regulatory compliance, and investigation attorney-client privilege strategy	February 2021– Present
Foley & Lardner LLP, Boston, MA <i>Summer Associate</i> (law firm) <ul style="list-style-type: none">• Drafted responses to USPTO office actions• Performed legal research	May 2019 – July 2019
Morley Law LLC, Ocean, NJ <i>Summer Associate</i> (law firm) <ul style="list-style-type: none">• Drafted software license and use agreements• Performed legal research	July 2018 – August 2018
BlackBoiler LLC, Arlington, VA <i>Legal Intern</i> (tech-legal startup, contracts and artificial intelligence) <ul style="list-style-type: none">• Developed and maintained standardized documentation system for contract markup• Edited contracts according to client standards; Wrote company data acquisition policy• Programmed software to fetch and aggregate over 150,000 contracts from SEC filings	June 2018 – July 2018

AviFox LLC, Tinton Falls, NJ September 2015 – Present
CEO/Founder (international domain name registrar)

- Act as liaison with country domain registries for registration of top-level domains
- Ensure domain holder compliance with all policies of respective registries
- Manage all marketing efforts and oversee all billing matters and technical assistance to clients

Juror Works LLC, Shrewsbury, NJ November 2015 – July 2017
Chief Operating Officer (legal trial simulation and focus group company)

- Developed business plan and oversaw business operations
- Designed and managed website and advertising for recruitment of participants
- Programmed software for managing focus groups; Performed demographic data analysis

Shebell & Shebell LLC, Shrewsbury, NJ December 2011 – July 2017
Executive Director of Information Technology (law firm)

- Information Technology
 - Developed custom software for firm operations
 - Ensured computer network and related services were secure and operational at all times
 - Trained attorneys and staff on computer software and trial presentation technology
 - Oversaw IT budget and plan for future software and hardware purchases
 - Researched and implemented new technology to optimize office workflow
- Marketing
 - Designed “microsite” websites to target specific types of client work
 - Acted as liaison with digital marketing company (SEO & Social Media)
 - Managed print advertising
- Management
 - Created and managed job offer listings; Trained and oversaw new support staff
 - Developed policies to aid general operations
- Trial Preparation
 - Created clips of deposition videos; Helped assemble PowerPoint presentations for trials
 - Assisted in development of overall A/V presentation plan for trials

Green Apple Energy LLC, Oakhurst, NJ May – November 2011
IT Manager (solar energy installation company)

- Designed and maintained company website; managed internet advertising
- Provided technical support to employees
- Assisted with configuration of solar energy inverter units at installation sites
- Trained clients on solar energy inverter tracking software

Avi's PC Repair & IT Services, Ocean, NJ February 2005 – May 2011
Founder/CEO

- Removed viruses and spyware from computers; performed computer hardware upgrades and data recovery
- Designed and hosted websites for small businesses; provided remote IT support for small businesses
- Taught in-home computer lessons

Tech Skills & Specialties

- **Cybersecurity:** Cyber Reconnaissance, Dark Web Intelligence, Cybersecurity Risk Analysis, Web App Exploit Testing
- **Programming Specialties:** Web App Development, RegEx, Web Scraping, Bot Development, Automation, Data Manipulation, Framework Design, API Design, Rapid Web App Prototyping/Proof of Concept, Legal Tool Development
- **Programming Languages:** Python, PHP, PERL, Java, C++, Ruby, BASIC, Pascal, VB, Shell Script, Apple Script
- **Web Development:** HTML, CSS, SQL Database Design & Administration, SEO Optimization (A/B testing, Google Analytics), Web Server Deployment & Configuration (Windows & Unix)
- **Interactive Phone (Automated Voice) and SMS Application Development**
- **Windows Network Administration:** Setup, Maintenance, Optimization, and Security
- **Server Setup and Configuration (Windows/Unix):** Apache Web Server, FTP, SSH, Firewall, SQL, DHCP, DNS, SMTP Domain Controller (Windows Server), Active Directory (Windows Server)

Teaching

Ability to explain complex technical concepts to non-technical audiences.

- **Computer Programming for Lawyers:** (Spring 2019) *Teaching Assistant*. GULC course teaching python programming for law students. Focus on solving issues encountered in practice, such as organizing, manipulating, and evaluating large quantities of text data.
- **Coding Boot Camp:** (June 2017) *Instructor & Course Creator*. Intensive 3-day boot camp for small group of high school students. Programming fundamentals, web application development, advanced data manipulation concepts.
- **Advanced Scripting & Bot Development:** (May – June 2017) *Instructor & Course Creator*. Course for middle school students focused on data acquisition, data manipulation, and chat bot development.
- **Web Application Development:** (Jan. – Mar. 2017) *Instructor & Course Creator*. Introductory course for middle school students focused on core programming fundamentals and web application development.

Publications

- Avi Ginsberg, Cui Yu, *Rapid Homoglyph Prediction and Detection*, Int'l Conf. on Data Intelligence and Security, Apr. 2018, at 17, 23.
- Cui Yu, Avi Ginsberg, *Social Networking Without Sacrificing Privacy*, Int'l Conf. on Sys. Sci. and Engineering, June 2018.

Thought Leadership

- *Putting Brakes on Cybersecurity Threats: Practical Strategies to Mitigate Cybersecurity Risk*, Top Legal Issues Facing the Automotive Industry in 2022 Whitepaper, March 2022.
- *Security Measures to Deploy Now to Defend Against a Russian Cyberattack*, Foley Innovative Technology Insights, February 2022.
- *Practical Strategies to Combat Common Cybersecurity Threats and Mitigate Risk*, Foley Innovative Technology Insights, February 2022.
- *Maintaining Privilege Over Forensic Reports*, Foley Innovative Technology Insights, September 2021.
- *Colorado joins California and Virginia in Passing a Comprehensive Privacy Law*, Foley Innovative Technology Insights, July 2021.
- *President Biden Issues Executive Order to Strengthen U.S. Cybersecurity Practices*, Foley Innovative Technology Insights, May 2021.