

CASEY SCOTT MCKAY

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PROFESSIONAL

- FANNIE MAE**, Washington, D.C. 2020-Present
DEVOPS ENGINEER
- *Technologies*: Java, Hibernate, Oracle SQL, BeanShell, Active Directory, AWS
 - Identity and Access Governance
- CAPITAL TECHNOLOGY GROUP**, Washington, D.C. 2019-2020
FULL-STACK SOFTWARE ENGINEER
- *Technologies*: Java, Spring, Hibernate, Gradle, Javascript, React, Python, Jupyter, Elasticsearch, MySql, Docker, Jenkins, Jira, AWS.
 - Competed in multi-team coding competition for federal contracts.
 - Built celebrity bio-metrics application using NLP and machine learning.
 - Built time-sheet REST application using Spring and React.
- THUNKEN, INC.**, Washington, D.C. 2017-2019
BACKEND SOFTWARE DEVELOPER
- *Technologies*: Java, Spring, Weka, Selenium, Maven, MySQL, Elasticsearch, Php Docker.
 - Data science, natural language processing, and machine learning consulting.
 - Built multiple REST web service features with Java Spring.
 - Designed and implemented models to analyze millions of legal documents.
 - Built machine learning tool using Java Weka to predict identifiers from URIs.
 - Built keyword generator for technology licensing descriptions using RAKE algorithm.
 - Built web crawlers using Selenium, HtmlUnit, and Jsoup.
- C.S. MCKAY LAW**, Memphis, TN 2016-2018
LAWYER
- Intellectual property and technology
- THE TOLLISON LAW FIRM**, Oxford, MS 2012-2016
LAWYER
- Civil litigation, corporate, and business law, pretrial and motion practice, briefs.
- THE KULLMAN LAW FIRM**, New Orleans, LA 2013
LAWYER
- Labor and employment law: motions, summary judgments, and preparing discovery.
- U.S. DISTRICT COURT—WESTERN DISTRICT OF TENNESSEE** 2012
JUDICIAL INTERN FOR CHIEF FEDERAL JUDGE JON PHIPPS McCALLA
- Prepared memorandums and orders on business disputes and jurisdiction
- U.S. DISTRICT COURT—SOUTHERN DISTRICT OF MISSISSIPPI** 2012
JUDICIAL INTERN FOR FEDERAL MAGISTRATE JUDGE MIKE PARKER
- Drafted court opinions, reports and recommendations, and orders

EDUCATION

JURIS DOCTOR, *Magna Cum Laude*

University of Mississippi School of Law, Oxford, MS

- *Mississippi Law Journal*, Executive Board
- *Mississippi Law Journal* Case Note Writing Award. Mississippi Bar Intellectual Property Award. Am Jur Awards: Civil Procedure, Torts I & II, Constitutional Law Forum, and IP Law

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

University of Mississippi, Oxford, MS

- 100+ hours complete (initially pursuing masters program, but started a job)

BACHELOR OF ART IN ANTHROPOLOGY, *Magna Cum Laude*

Mississippi State University, Starkville, MS

MILITARY

ARMY NATIONAL GUARD, 155TH BRIGADE COMBAT TEAM

- Mechanic, light-wheel and generator
- Expert Rifleman; Army Physical Fitness Badge

PUBLICATIONS

Articles

- Casey Scott McKay, Note, Constitutional Law—The Plea-Bargaining Process—*Mr. Counsel, Please Bargain Effectively for Your Client's Sixth Amendment Rights, Otherwise the Trial Court Will be Forced to Reoffer the Plea Deal and Then Exercise Discretion in Resentencing*, 82 MISS. L.J. 731 (April 2013).
- Casey Scott McKay, *Tactics, Strategies & Battles—Oh My!: Perseverance of the Perpetual Problem Pertaining to Preaching to Public School Pupils & Why it Persists*, 8 U. MASS. L. REV. 442 (2013).
- Casey Scott McKay, *Fishin' with Fisher: Determining the Depth of Deference Does Not Demand Dealing Deference a Deathly Decker*, 83 MISS. L.J. 949 (May 2014).
- Casey Scott McKay and Luc Boruta, *Legal Citation Analysis with CourtListener and Cobaltmetrics*, (2019).

Presentations

- Presenter—CLE, *Trademark Law & Unfair Competition*, eLearn Law (2015).

PROJECTS

UpLaw—Law Library & Legal Search Engine

- 11.2 million+ legal documents, APIs for search, text summarizations, and predictions
- Python, Flask, FastAI, Torch, sk-learn, Elasticsearch, and PostgreSQL
- [Patent](#) and [Trademark](#) Image Classification
- [Judicial Opinion Text Generation and Classification](#)
- [Legal Question and Answer Generation and Classification](#)

A.L.F.I.E.—ChatBot Lawyer

- Conversational bot provides answers to thousands of legal questions
- Python, Django, Tensorflow, PostgreSQL

TECHNOLOGIES: Java, Spring, Weka, Mahout, DL4J, Selenium, HtmlUnit, Maven, Gradle, Python, Pandas, NLTK, SciPy, NumPy, TensorFlow, FastAI, PyTorch, Django, Flask, Jupyter, Php, Javascript, React, HTML, CSS, DigitalOcean, AWS, Google Compute Engine, Elasticsearch, Kibana, MySQL, PostgreSQL, Git, Jira, Jenkins, Stash, Docker, Docker Compose, REST, TCP/IP, tcpdump, wireshark, nmap, bash

HOBBIES: computers, technology, hacking, law, soccer, anthropology, reading, writing, running.

WEBSITE: csmckay.us

GITLAB: <https://gitlab.com/caseyscottmckay>

GITHUB: <https://github.com/caseyscottmckay>