Nathan Harris

Software Engineer II | PSM I

Denver, Colorado, US

✉ n8gr8gbln@gmail.com 📱 404-909-7586
in nwithan8   🐦 nwithan8

> Blending my two loves, the fast-paced, high-stakes world of journalism and the fast-paced, high-stakes world of software development.
> "Dedicated to combating misinformation."

SKILLS

Programming Languages
Advanced

Java   .NET   C#   Python
Node.js   Javascript   HTML
CSS   Ruby   PHP   Golang
Dart   Groovy   Grails   Scala

Software Development
Advanced

Version Control Systems   Git
JetBrains   IntelliJ   PyCharm
RubyMine   WebStorm   Rider
GoLand   PhpStorm   VS Code
Visual Studio   User Experience
Open Source Software   GitHub
Gitea

Communication
Advanced

Public Speaking   Writing
Creative Writing   Podcasting
YouTube

Journalism
Advanced

Gannett Co. Inc.
USA Today Network   CNN
The Atlanta Journal-Constitution
The Zanesville Times Recorder
The Red & Black Publishing Co.
Flagpole Magazine
Fact-checking   Research
Editing   Breaking News
AP Style   Copy Editing

Operating Systems
Advanced

Windows   Mac OS   Linux
Ubuntu   Unraid   ProxMox
Docker   Hypervisor
Virtualization

Microsoft Office
Advanced

Word   Excel   PowerPoint
Outlook   Access

Project Management
Intermediate

Agile   Scrum   Phabricator
YouTrack

Data Analysis
Intermediate

SQL   SQLite   MySQL
MS SQL Server   Tableau
Socrata

Web Development
Intermediate

React   Bootstrap
Material Design   CSS   HTML
Javascript   jQuery   UX/UI

Nov 2021 - Current
Software Engineer II at EasyPost
📍 **Denver, Colorado, United States** 🔗 https://www.linkedin.com/company/easypost/
Developing internal and external systems and utilities to improve the end-user B2B and B2C EasyPost experience.

- Revitalized and redesigned EasyPost's open-source API client libraries (Java, C#, Python, Node.JS, Ruby, Go, PHP)

- Led development on open-source HTTP VCR utility for Java and .NET (EasyVCR)

- Designed and developed internal utilities to auto-generate API client libraries and documentation

Sep 2016 - Current
Podcaster at Technically Speaking (Podcast)
🔗 https://feeds.feedburner.com/technicallyspeakingpodcast
Host of the "Technically Speaking" podcast and weekly "Tech Chat" on YouTube, discussing the latest tech news and personal projects with friends.

Jun 2020 - Current
Host at Technically Speaking (YouTube)
🔗 https://www.youtube.com/playlist?list=PLeLjnL2UNyZGub9HyKGGEGKcFC3UhVs5s
Host of the weekly "Tech Chat" on YouTube, discussing the latest tech news and personal projects with friends.

Aug 2018 - Current
Open Source Developer at Internet
🔗 https://github.com/nwithan8
Producing and contributing to a number of free and open-source projects, including interactive social media bots, Python API client libraries, Tautulli and Home Assistant.

Jun 2020 - Nov 2021
Software Developer Analyst at Force 5 Inc.
📍 **Miami, Florida, United States** 🔗 https://www.linkedin.com/company/force-5-inc./
Developer on suite of on-site, cross-platform visitor management system applications, including mobile Android/iOS app.
Lead team in restructure of backend API.
Go-to for internal DevOps and automation development and implementation.
Languages/tools used include C#, Xamarin.Forms, Groovy, Java and Grails/Gradle.
Liaison between development team and end users regarding NERC CIP compliance instruments for energy corporation clients.

Oct 2019 - Jun 2020
Digital Business Transformation Intern at Fulton County Government
📍 **Greater Atlanta Area** 🔗 https://www.linkedin.com/company/fultoncountygovernment/
Data Analytics: Curated data collection on current and former interns, capstone students and grant workers to assess Center of Excellence performance. Data stored in MS SQL database and analyzed using Tableau and Socrata.
Technology Integration: Researched and established policy and standard operating procedures for the implementation of new technologies in various county departments, including collaborative iPads and customer service survey kiosks.
Development: Wrote and implemented a Qualtrics API library in Python for use in in-house automation scripts for survey creation, management and response processing.

Jul 2018 - Mar 2019
Community Reporter at Gannett | USA TODAY NETWORK
📍 **Zanesville, OH** 🔗 https://www.linkedin.com/company/gannett/
Community reporter, covering local city and county government, school and community boards and crime.

Jun 2018 - Jul 2018

TV Apps Intern at CNN

📍 **Atlanta, GA** ⧉ https://www.linkedin.com/company/cnn/

Worked with the TV Apps development team to produce, update and debug the CNNgo app on Apple TV, Roku, Fire TV, Android TV and Samsung TV platforms.

Jan 2018 - May 2018

Lead Investigative Reporter at The Red & Black Publishing Co.

📍 **Athens, Georgia Area** ⧉ https://www.linkedin.com/company/the-red-&-black-newspaper/

Lead the investigative and enterprise reporting team, bringing my experience from The Red & Black, Flagpole Magazine, The Atlanta Journal-Constitution and the Georgia News Lab investigative course to train and oversee a new team of junior and senior writers.

Sep 2014 - May 2018

News Writer at The Red & Black

📍 **Athens, Georgia** ⧉ https://www.linkedin.com/company/the-red-&-black-newspaper/

Attend weekly meetings. Take responsibility for researching and writing articles, getting in contact with sources, keep editors updated about progress. Articles due weekly.

Dec 2016 - May 2017

Senior Reporter at The Red & Black

📍 **Athens, Georgia** ⧉ https://www.linkedin.com/company/the-red-&-black-newspaper/

One of four senior reporters focused on longer-form front-page stories. Particular focus on Georgia politics and legislation that impacts college students (i.e. HOPE Scholarship funding, campus carry).
Also a go-to reporter for breaking news and crime reports.

Aug 2016 - Dec 2016

News Editor at The Red & Black

📍 **Athens, Georgia** ⧉ https://www.linkedin.com/company/the-red-&-black-newspaper/

In charge of managing both city and campus news sub-desk, writers and assistant editors. In charge of editing daily website content and weekly newspaper articles. Involved in weekly print newspaper production. Lead weekly meetings for writers. Communicate with photo desk, design desk and video desk, as well as other sections if needed.
Headed massive reporting operation during Election Day 2016.

Jan 2016 - May 2016

City News Editor at The Red & Black

📍 **Athens, Georgia** ⧉ https://www.linkedin.com/company/the-red-&-black-newspaper/

In charge of managing city news writers, including government writers, economic writers, business writers and crime writers. Also in charge of fact-checking and basic editing of articles for daily online content, breaking news, and weekly print newspapers. Major stories include a missing UGA student which was later found to have committed suicide, a late-night car crash which killed 4 UGA students, the introduction and rallies around an anti-discrimination ordinance in downtown Athens, and coverage of local reaction to and eventual veto of Georgia HB 859 (proposed campus carry) and HB 757 (proposed religious liberty bill).

Aug 2015 - Dec 2015

Senior City Correspondent at The Red & Black

📍 **Athens, Georgia** ⧉ https://www.linkedin.com/company/the-red-&-black-newspaper/

Head writer for the City News desk, in charge of big city news stories, as well as collaboration with Senior Campus Correspondent for cross-desk stories. Also picked up smaller city stories that did not fall under specific beats.

Jan 2015 - May 2015

Assistant News Editor at The Red & Black

📍 **Athens, Georgia** ⧉ https://www.linkedin.com/company/the-red-&-black-newspaper/

In charge of managing crime reporting. Crime beat reporter. Major stories include five student deaths, including a Resident Assistant dying in her room in a UGA dorm, an alcohol poisoning, and a student murdered during a drug deal. Wrote remembrance articles for all three.

Aug 2017 - May 2018

Investigative Reporter at Georgia News Lab

📍 **Atlanta, Georgia**   ↗ https://www.linkedin.com/company/georgia-news-lab/

Chosen for select group of Georgia journalism students to learn investigative journalism hands-on, producing work for the Atlanta Journal-Constitution and WSB-TV.
Solo project: Investigation in Atlanta mayoral candidate Ceasar Mitchell.
Group project: Investigation into a decade of deaths in local Georgia jails.

Dec 2017 - Jan 2018

Freelance Reporter at Atlanta Journal-Constitution

📍 **Athens, Georgia Area**   ↗ https://www.linkedin.com/company/atlanta-journal-constitution/

Cover Athens and University of Georgia-related news remotely, including UGA's 2017 football season and post-season.

Aug 2017 - Dec 2017

News Reporter at Flagpole Magazine

📍 **Athens, Georgia Area**   ↗ https://www.linkedin.com/company/flagpole-magazine/

Covered politics and Athens area matters and events, including the House District 119 special election, campus carry at the University of Georgia and discrimination in downtown Athens.

Jun 2017 - Aug 2017

News Reporter at Atlanta Journal-Constitution

📍 **Greater Atlanta Area**   ↗ https://www.linkedin.com/company/atlanta-journal-constitution/

Served as Henry County beat reporter, covering county and city board meetings, a school board superintendent controversy and Confederate pride, as well as infant mortality in swimming pools and the new campus carry law, among others.

Jan 2014 - May 2014

News Reporter at Neighbor Newspaper

📍 **Roswell, Georgia**   ↗ https://www.linkedin.com/company/neighbor-newspaper/

Internship with Neighbor Newspapers, handled calendar events and press release rewrites. Had two original articles published in weekly paper.

PROJECTS (5)

Open-Source Development

Jul 2018 - Current

↗ https://github.com/nwithan8

Freelance and free-time open-source developer (primarily Python), producing a number of API wrapper libraries, automation scripts and self-hosted social media bots.

Backlog of Georgia Rape Kits

Jan 2017 - Jan 2017

↗ https://www.redandblack.com/athensnews/clearing-the-backlog-gbi-flooded-with-unprocessed-rape-kits-following/article_0f24cde8-dde6-11e6-b3d5-43ec143ac4f2.html

An in-depth look at the cause and progress of a backlog of rape kits at the Georgia Bureau of Investigation following a Georgia General Assembly bill that forced all unsubmitted kits to be submitted to GBI in August 2016.

Discrimination at Downtown Athens Bars

Jan 2016 - Jan 2016

↗ https://www.redandblack.com/athensnews/athens-confronts-downtown-bar-discrimination/article_5f8eca7e-bfcc-11e5-817a-c7120b219d2e.html

The beginning of a year-long continuing story of an Athens ordinance to tackle surfaced accounts of discrimination at downtown Athens, Georgia bars.

College At All Costs

Aug 2017 - Dec 2017

↗ https://www.collegeatallcosts.com/index.html

A website built from the ground up to host a special investigation project into the cost of higher education in the state of Georgia.

I led the team in developing and coding the website, with a specific focus on Javascript functionality.

Proposed Georgia Campus Carry Legislation

Jan 2016 - May 2016

↗ https://www.redandblack.com/athensnews/gov-deal-to-decide-on-campus-carry-proposal/article_4c601c50-ebd7-11e5-b0a9-cfb8ba29864f.html

Georgia General Assembly proposed HB 859 to allow concealed carry on college campuses. Bill had large disapproval and protests. Main article in multi-piece coverage of protests, legislation updates, and student body surveying.

EDUCATION (4)

2016 - 2018

Bachelor of Arts (A.B.J) Journalism at Grady College of Journalism and Mass Communication, University of Georgia

| Photojournalism | Video Journalism | Media History - Honors | Multiplatform Reporting | Introduction to News Writing - Honors |

| Investigative Reporting | New Media Topics | Introduction to News Gathering | Introduction to Journalism - Honors |

| Communication Law - Honors | Introduction to New Media | New Media Production |

2014 - 2018

Minor in Computer Science, New Media Certificate at The University of Georgia

| Advanced Java | Discrete Math | Web Programming | Introduction to Java |

2019 - 2020

Bachelor of Science Computer Science at Georgia State University

2010 - 2014

High School Diploma at Chattahoochee High School

AWARDS

2016

Best Administration Reporter in the South - Second Place at Society of Professional Journalists

Received the award from the 66th Annual Green Eyeshade Awards for coverage of the administration at the University of Georgia during my time at The Red & Black.

2015

GPEF Scholarship at Georgia Press Education Foundation

Scholarship for students majoring or intended majoring in journalism at Georgia college.

2014

Zell Miller Scholarship at State of Georgia

2014

GPEF Scholarship at Georgia Press Education Foundation

Scholarship for students majoring or intended majoring in journalism at Georgia college.

2013

Charter Scholarship at University of Georgia

CERTIFICATES

Professional Scrum Master I (PSM I)

Scrum.org

[↗](https://www.scrum.org/certificates/676174) https://www.scrum.org/certificates/676174

PUBLICATIONS

Portfolio in Self

LANGUAGES

English

Native Speaker