

# Nathan Harris

Software Engineer II | PSM I

Denver, Colorado, US

✉ [n8gr8gbln@gmail.com](mailto:n8gr8gbln@gmail.com) 📞 404-909-7586

🌐 [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

## WORK EXPERIENCE (20)

---

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
- Spear-headed user-facing API documentation redesign and implementation
- Introduced claims submission and tracking portal for EasyPost's insurance product

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/](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/](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/](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/](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/](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/](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/](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/](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](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](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](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>

#### PUBLICATIONS

---

**Portfolio** in Self

#### LANGUAGES

---

**English**

*Native Speaker*

