

Nathan Harris

Software Engineer II | PSM I

Denver, Colorado, (US)

✉ n8gr8gbln@gmail.com

in [nwithan8](#)



SUMMARY

Excited to take head-on the fast-paced, high-stakes world of software development.
Retired journalist.

SKILLS

Programming Languages

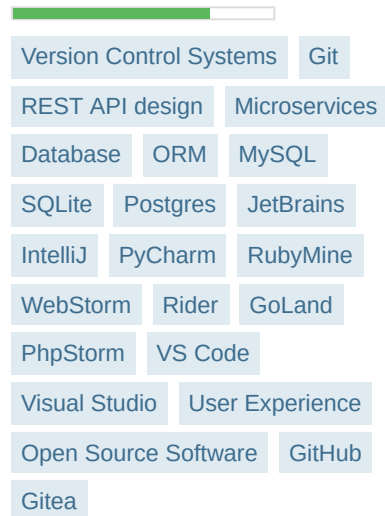
Advanced



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

Software Development

Advanced



Version Control Systems Git
REST API design Microservices
Database ORM MySQL
SQLite Postgres JetBrains
IntelliJ PyCharm RubyMine
WebStorm Rider GoLand
PhpStorm VS Code
Visual Studio User Experience
Open Source Software GitHub
Gitea

Automation

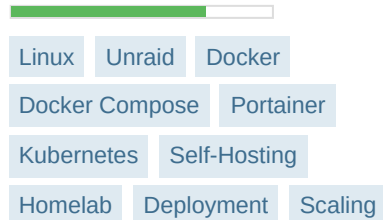
Advanced



Scripting Python Selenium
Playwright Jenkins CI/CD

System Administration

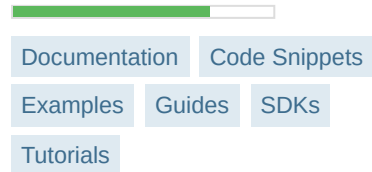
Advanced



Linux Unraid Docker
Docker Compose Portainer
Kubernetes Self-Hosting
Homelab Deployment Scaling

Developer Experience

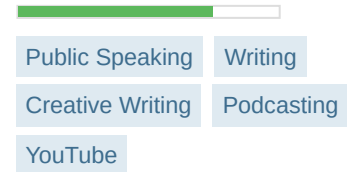
Advanced



Documentation Code Snippets
Examples Guides SDKs
Tutorials

Communication

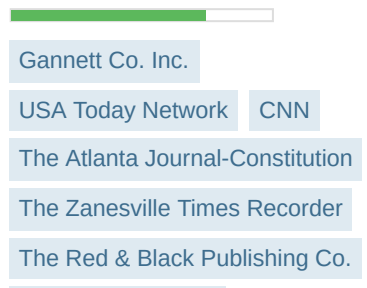
Advanced



Public Speaking Writing
Creative Writing Podcasting
YouTube

Journalism

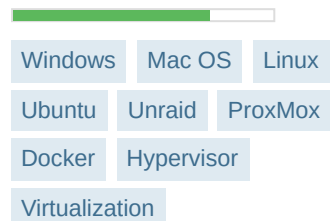
Advanced



Gannett Co. Inc.
USA Today Network CNN
The Atlanta Journal-Constitution
The Zanesville Times Recorder
The Red & Black Publishing Co.

Operating Systems

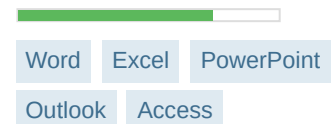
Advanced



Windows Mac OS Linux
Ubuntu Unraid ProxMox
Docker Hypervisor
Virtualization

Microsoft Office

Advanced



Word Excel PowerPoint
Outlook Access

Flagpole Magazine

Fact-checking Research

Editing Breaking News

AP Style Copy Editing

Artificial Intelligence

Intermediate

Machine Learning TensorFlow

PyTorch OpenCV

Natural Language Processing

NLTK OpenAI Llama Qwen

Ollama GitHub Copilot

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

Network Engineering

Intermediate

Unifi pfSense Ubiquiti

Firewall VLANs Ad-Blocking

DNS DHCP WireGuard

OpenVPN VPN Access Point

WORK EXPERIENCE (12)

Nov 2021 - Jan 2025

Software Engineer II at

📍 **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

🔗 <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.

Aug 2018 - Current

Open Source Developer at

🔗 <https://github.com/nwithan8>

Producing and contributing to a number of free and open-source projects, including testing utilities, interactive social media bots, Python API client libraries, Tautulli and Home Assistant.

- EasyVCR - An open-source Java and .NET utility for recording and replaying HTTP requests in automated test suites

- Tauticord - A Discord bot for viewing and managing Plex streams via Tautulli
- Pytulli - The de-facto, feature-complete Python API client for Tautulli
- Plex Prerolls - A cron-based script to adjust preroll videos for a Plex Media Server based on defined schedules and holidays

Jun 2020 - Nov 2021

Software Developer Analyst at

📍 **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

📍 **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

📍 **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

📍 **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.

Sep 2014 - May 2018

News Writer at

📍 **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.

- Served as lead news desk editor in Fall 2016
- Served as city news desk editor in Spring 2016
- Served as lead investigative reporter in Spring 2018
- Served as senior city correspondent in Fall 2015

Aug 2017 - May 2018

Investigative Reporter at

📍 **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

📍 **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

📍 **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

📍 **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.

PROJECTS (3)

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.

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 (3)

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

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.

CERTIFICATES

Professional Scrum Master I (PSM I)

Scrum.org

<https://www.scrum.org/certificates/676174>

PUBLICATIONS

Journalism Portfolio in Self

LANGUAGES

English

Native Speaker

