Nathan Harris

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https://github.com/nwithan8
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SUMMARY

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

SKILLS AND TECH

- **Programming Languages:** Java, .NET, C#, Python, Node.js, Javascript, HTML, CSS, Ruby, PHP, Golang, Dart, Flutter, Groovy, Grails, Scala, SQL.
- **Software Development:** 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:** Scripting, Python, Selenium, Playwright, Jenkins, CI/CD.
- **System Administration:** Linux, Unraid, Docker, Docker Compose, Portainer, Kubernetes, Self-Hosting, Homelab, Deployment, Scaling.
- **Developer Experience:** Documentation, Code Snippets, Examples, Guides, SDKs, Tutorials.
- **Communication:** Public Speaking, Writing, Creative Writing, Podcasting, YouTube.
- **Journalism:** 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:** Windows, Mac OS, Linux, Ubuntu, Unraid, ProxMox, Docker, Hypervisor, Virtualization.
- **Microsoft Office:** Word, Excel, PowerPoint, Outlook, Access.
- **Artificial Intelligence:** Machine Learning, TensorFlow, PyTorch, OpenCV, Natural Language Processing, NLTK, OpenAI, Llama, Qwen, Ollama, GitHub Copilot.
- **Project Management:** Agile, Scrum, Phabricator, YouTrack.
- **Data Analysis:** SQL, SQLite, MySQL, MS SQL Server, Tableau, Socrata.
- **Web Development:** React, Bootstrap, Material Design, CSS, HTML, Javascript, jQuery, UX/UI.
- **Network Engineering:** Unifi, pfSense, Ubiquiti, Firewall, VLANs, Ad-Blocking, DNS, DHCP, WireGuard, OpenVPN, VPN, Access Point.

EXPERIENCE

EasyPost	Software Engineer II	Nov 2021 — Jan 2025

- 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

FusionAuth	.NET Consultant - Freelance	Jul 2024 — Present
Montjoy	Software Developer and Product Consultant	Jun 2020 — Present
Aidly IT	Development Consultant and Level 2 Support	Jan 2023 — Present
Technically Speaking (Podcast)	Podcaster	Sep 2016 — Present

Internet	**Open Source Developer**	**Aug 2018 — Present**

- 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

Force 5 Inc.	**Software Developer Analyst**	**Jun 2020 — Nov 2021**
Fulton County Government	**Digital Business Transformation Intern**	**Oct 2019 — Jun 2020**
**Gannett	USA TODAY NETWORK**	**Community Reporter**	**Jul 2018 — Mar 2019**
CNN	**TV Apps Intern**	**Jun 2018 — Jul 2018**
The Red & Black	**News Writer**	**Sep 2014 — May 2018**

- 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

Georgia News Lab	**Investigative Reporter**	**Aug 2017 — May 2018**
Atlanta Journal-Constitution	**Freelance Reporter**	**Dec 2017 — Jan 2018**
Flagpole Magazine	**News Reporter**	**Aug 2017 — Dec 2017**
Atlanta Journal-Constitution	**News Reporter**	**Jun 2017 — Aug 2017**

PROJECTS

- **Open-Source Development:**
- **College At All Costs:**
- **Proposed Georgia Campus Carry Legislation:**

EDUCATION

Georgia State University	**Dec 2019 — Dec 2020**

Bachelor of Science - Computer Science, GPA: 3.8 GPA

Grady College of Journalism and Mass Communication, University of Georgia	**Dec 2016 — Dec 2018**

Bachelor of Arts (A.B.J) - Journalism

The University of Georgia	**Dec 2014 — Dec 2018**

- Minor in Computer Science, New Media Certificate, GPA: 3.76 GPA

PUBLICATIONS

Journalism Portfolio

AWARDS

Best Administration Reporter in the South - Second Place, Society of Professional Journalists	**May 2016**