

# Nathan D. Harris

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## Work Experience

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### Force 5, Inc. – Miami, FL

June 2020 - Present

- Software developer analyst, acting as liaison between software development team and energy industry clients.
- Lead developer on cross-platform mobile version of our custom-built visitor management system and API.
- Contribute documentation, feature planning and day-to-day development in an Agile work environment.

### Fulton County Government IT Department – Atlanta, GA

Oct. 2019 – June 2020

- Collaborated on various projects for several county departments, including spearheading inception and deployment of customer feedback kiosks and collaborative iPads.
- Produced data visualizations and collection tools to facilitate internship and capstone program.

### CNN – Atlanta, GA

June 2018 – July 2018

- Assisted TV app design and development team, helping produce a cross-platform product to deliver live and on-demand video to viewers' smart TVs and streaming devices.

### Freelance developer

- Specializing in automation, interactive bots and API clients. Primary languages: Python, JavaScript, Java
- Portfolio: [github.com/nwithan8](https://github.com/nwithan8), [nathandharris.com](http://nathandharris.com)

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## Technical Skills

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- Programming languages: Python (Proficient), C# (Intermediate), Java/Groovy (Intermediate), JavaScript (Intermediate), SQL (Beginner)
- Server management (Ubuntu Server, Unraid) and hardware (desktop PCs, Raspberry Pi) – Advanced
- Web design (HTML, CSS, JavaScript) and web hosting (Apache, Nginx) – Intermediate

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## Projects

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### Competitive Programming

- Member of Georgia State's inaugural programming team, finished 20<sup>th</sup>, Div. II at 2019 ICPC Southeast Finals.

### Web Projects

- Lead web designer on [collegeatallcosts.com](http://collegeatallcosts.com), custom self-hosted portfolio website: [nathandharris.com](http://nathandharris.com)

### Coding/Scripting

- Using Node.JS and Python to create bots for Twitter, Reddit, Slack and Discord: [github.com/nwithan8](https://github.com/nwithan8)

### Data Processing & Analysis

- Utilized Panda Python library, Excel spreadsheets and macros, and MySQL databases to analyze data on Georgia jail inmate deaths, voting patterns and statistics, campaign donations and infant death records.

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## Involvement

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### Google I/O Developer Conference

May 2018

- Attended seminars on TV platform development, web development and delivering quality digital content.

### Technically Speaking

- Self-hosted blog ([technicallyspeaking.tech](http://technicallyspeaking.tech)) and podcast covering consumer technology news.

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## Education

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### **Georgia State University**

*Bachelors of Computer Science*

GPA: 3.79/4.00, Magna Cum Laude, Honors

### **University of Georgia**

*Bachelors of Journalism, Minor in Computer Science, New Media Certificate*

GPA: 3.71/4.00, Magna Cum Laude, Honors

Atlanta, Georgia

December 2020

Athens, Georgia

May 2018