Stefan Cohn

Washington, D.C. 20052 | stefancohn@gmail.com | 770-757-6010

[LinkedIn](#) | [Personal Website](#) | [GitHub](#)

EDUCATION

The George Washington University   Washington, DC
Bachelor of Science Computer Science   May 2026
GPA: 3.93
Coursework: Calculus 1 & 2, Discrete Math 1, Algorithms and Data Structures

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PROJECTS

Game Development | Duck Run
- Implemented algorithms for procedural level generation, random enemy spawns, and dynamic difficulty to create unique and engaging gameplay
- Utilized GIMP to design and create in-game assets such as level graphics, character designs, animations, etc
- Leveraged Java Swing for game's graphical interface and integrated Java Sound API to handle audio
- Engineered a high score tracking mechanism, ensuring persistence across sessions by employing file I/O operations to write and read from a text file
- Ported the code base to mobile using Codename One framework and published it onto the Google Play Store

Full-Stack Web Development | Portfolio Website
- Designed and developed a dynamic and visually appealing portfolio website using HTML & CSS, optimized for desktop, tablet, and mobile allowing for an enriched usability
- Implemented interactivity via JavaScript, allowing for easier navigation, sleeker design, and enhanced experience
- Engineered a robust backend using Express.js to handle contact form submissions, and deployed it on AWS Lambda through Serverless, establishing seamless connectivity with frontend via a REST API

Twitter Natural Language Processing
- Integrated Stanford CoreNLP library to develop an algorithm that provided a score on the emotional tone of tweets
- Created a robust data preprocessing pipeline to clean and parse raw Twitter data from a CSV file, incorporating Java file I/O operations and string manipulation

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EXPERIENCE

Nightclub Promoter   Washington, D.C.
@DMV_Serotonin   January 2023 - Present
- Maintained relationships with club owners to reach agreements regarding scheduling, expectations, and payment
- Leveraged and maintained an active Instagram with over 3000 followers to generate buzz and reach audiences
- Deployed technologies like Canva and GIMP to create fliers

SKILLS & ACHIEVEMENTS

- **Bilingual**: Spanish (Limited Working Proficiency)
- **Technical:** Java (Advanced), HTML & CSS (Intermediate), Express.js & Node.js & AWS Lambda (Beginner), Git, Command Line (Terminal), Vim, GIMP (Intermediate)
- **Achievements:** Dean's List (2x), School ACM Hackathon Winner