Stefan Cohn

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https://github.com/stefancohn

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 game to mobile using Codename One framework and published it onto the Google Play Store

Front-End Development | Hackathon Team Project

- Led design of a website's front-end using HTML and CSS, incorporating navigation bars, gradients, GIFs, and back-end integration
- Utilized git for version control, ensuring efficient collaboration with other members
- Collaborated closely with back-end developers to seamlessly integrate front-end components with server-side functionalities

Twitter Natural Language Processing

- Integrated the Stanford CoreNLP library to develop an algorithm that provided sentiment scores 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 (Beginner), Git, Command Line (Terminal), Vim, GIMP (Intermediate)
- **Achievements:** Dean's List (2x), School ACM Hackathon Winner