Rudolph Sedlin

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EDUCATION:

Bachelor of Science, Stevens Institute of Technology　　　　　　　　　　**08/2021 - present**

Major: Computer Science

GPA: 3.9/4.0

Expected Graduation: December 2024
- Recipient of the Edwin A. Stevens Scholarship
- Recipient of the Presidential Scholarship
- Dean's List

Relevant Coursework: Data Structures, Algorithms, Computer Organization, Systems Programming, Operating Systems, Principles of Programming Languages, Database Management Systems, Web Programming, Concurrent Programming

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SKILLS:

- Proficient in Java, Python, Racket, Go, C, C++, OCAML, R, PostgreSQL, and ARM-V8 assembly.
- Proficient in the Linux and Microsoft Windows operating environments.
- Proficient in the Microsoft Office Productivity Suite and G-Suite.
- Adept at assembling, modifying, tuning, and troubleshooting computing hardware.

RELEVANT EXPERIENCE:

Stevens Institute of Technology, Hoboken, NJ:　　　　　　　　　　**01/2022 - present**

Teaching Assistant
- Provided Python, Java, ARM-V8 and C++ tutoring and assistance to Computer Science students.
- Created and maintained automatic grading scripts and utilities in Java, Python (gdb-api), and Go for Java and ARM-V8 assembly homework assignments.
- Hosted Computer Science laboratory work and recitations.

Projects:
- **Java Chat Application**. Developed a chat application in Java that allows multiple local clients to post messages visible on multiple concurrent terminals. Supports user accounts.
- **Hardware Monitoring Kernel Module**. Contributed hardware specifications and diagnostics to the development of Linux kernel modules such as Zenpower3 for reporting hardware sensor data on AMD Cezanne processors in Linux.

ACTIVITIES:

Stevens Institute of Technology
- Linux User Group President
- Software Engineering Club Member
- Computer Science Club Member

LANGUAGES:

- Fluent in English and Russian, proficient in German, and studying Japanese.