**Alexander Gaskins**

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**SUMMARY:** Driven Computer Engineering graduate specializing in the intersection of hardware systems and software applications to deliver innovative, efficient solutions. Skilled in scripting, automation, and system management, with a strong passion for problem-solving and improving operational workflows. Proficient in Python, JavaScript, and Unix scripting, with hands-on experience in high-stakes financial environments.

**EDUCATION: Stevens Institute of Technology |** Hoboken, NJ

Bachelor of Engineering in Computer Engineering May 2023

**GPA**: 3.721

**Awards**: Edwin A. Stevens Scholarship, Eric Young Scholarship, Dean’s List

**Coursework**: Entrepreneurship Experience, Data Structures and Algorithms, Information **Coursework:** Systems Engineering, Engineering Design, Microprocessor Systems

**SKILLS: Software:** ITRS Geneos,SolidWorks, React, GNU, [GitHub](https://github.com/cupokoffi8), Matlab, SQL, Emacs, Firebase

**Operating Systems:** Linux, Ubuntu, Microsoft Windows, Mac OSx

**Lab:** Soldering, Machining, Circuit Prototyping/Testing

**Programming:** C++ [4 years], JavaScript [5 years], Python [2 years], ARM Assembly [2 years], **Programming:** HTML [8 years], CSS [8 years], Swift [3 years]

**Languages:** English: Native Speaker, French: Limited Working Proficiency

**ACADEMIC Stevens ECE Department |** Hoboken, NJ

**PROJECTS:** Pathosense 1/22–Present

* Collaborated with a team of students to develop a sentiment analysis software using Python
* Planned and implemented possible product initiatives into a React.js web application hosted on Github Pages

**WORK Wells Fargo Bank,** New York, NY

**EXPERIENCE**: **Systems Operations Engineer** 7/23–Present

* Use ITRS Geneos to manage the infrastructure of several applications, which are composed of 100+ servers
* Work with Equity Derivatives traders to quickly diagnose and fix issues within trading applications
* Develop scripts to automate processes that streamline error detection and response

**Software Engineer Intern** 6/22–6/23

* Specialized in ui and frontend improvements through the incorporation of React.js
* Performed and analyzed unit tests to ensure code stability was prominent
* Worked alongside full-time software engineers to accomplish tasks via an agile design process

**Smartable IoT,** Alicante, Spain

**Mobile Apllication Developer** 6/20–8/20

* Programmed an iOS application that allows digital nomads to connect with one another
* Strategized app development methodologies along with teammates, constructing various prototypes and analyzing competition
* Collaborated with teammates from Spain and Japan, learning more about their culture and work environment

**ACTIVITIES:** Stevens Running Club,Astronomy Club,Launchpad, BAJA SAE, Audio Engineering Club

U.S. Citizen