Eric Samuel Londres

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Education

Aug 2017 – May 2021   **Computer Science**, *Stevens Institute of Technology*, Hoboken, NJ.
- Presidential Scholarship
- Relevant Coursework: Algorithms; Data Structures; Concurrent Programming; Human–Computer Interaction; Database Management Systems; Compiler Design & Implementation; Operating Systems

Technical Skills

Prog. Languages	Bash, C, C#, C++, Erlang, Go, Java, JavaScript, Lisp, OCaml, PHP, Python, Rust
Web Development	HTML, CSS/SASS, React, Svelte, Express
Technologies	GNU/Linux, Git, Node, GitLab CI, SQL, MongoDB, GCP, AWS

Work Experience

Aug 2020 – Dec 2020   **Course Assistant**, *Stevens Institute of Technology*, Hoboken, N.J..
- Introduced and expanded content to students for the graduate course Concurrent Programming.
- Assisted the course professor in designing test questions for tests the students will take.
- Planned course content and decided what needs to be taught.
- Devised and implemented effective ways to demonstrate course material.

Jun 2019 – Aug 2020   **Student Assistant**, *Stevens Institute of Technology*, Hoboken, N.J..
- Developed software for the Reinventing Civil Defense research project.
- Planned, developed, and maintained a complex web application to allow a speaker to create an interactive experience set in a nuclear war. `[PHP, SQL, JQuery]`
- Designed and implemented several event–specific websites. `[React]`
- Led development on a virtual reality project using Unity which visualizes the scale and scope of a nuclear detonation in New York City.
- Introduced several new technologies to the workplace that substantially improved developer productivity and code quality, including Git, GitLab CI/CD, and modern JavaScript.

Leadership Experience

Mar 2019 – Mar 2020   **President**, *SITTV*, Hoboken, N.J..
- Oversaw the operations of the organization and handled administrative responsibilities.
- Fostered a healthy and productive environment for other executive officers and organization members.
- Organized & chaired events, including public events and executive board meetings.
- Communicated on behalf of the organization to outside groups, including contract negotiations, budget defenses, and business meetings.

Dec 2018 – Dec 2019   **Webmaster**, *Alpha Phi Omega — Theta Alpha Chapter*, Hoboken, N.J..
- Managed a web application used by hundreds of users on a daily basis. `[PHP, MySQL]`
- Introduced new technologies such as **Cloudflare**; reduced page load times by over 90%, and lowered initial paint times to less than 1 second while increasing developer efficiency.
- Recruited, trained, and led a team of junior developers.
- Designed and began implementation of a large–scale web application using modern technologies such as **Google Firebase** and user experience design using **Balsamiq**. `[React]`

Mar 2018 – Mar 2019   **Director of Deliverables**, *SITTV*, Hoboken, N.J..
- Designed and implemented a cable video streaming platform for an audience of 1,500 viewers.
- Recruited and trained members in the use of video editing software.
- Employed, trained, and oversaw a team of systems administrators.