

# 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

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## Work Experience

- Aug 2020 – Present **Stevens Institute of Technology, Teaching Assistant**, Hoboken, NJ.
- 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 – Present **Stevens Institute of Technology, Student Assistant**, Hoboken, NJ.
- Developed software for the Reinventing Civil Defense research project.
  - Planned, developed, and maintained complex web applications 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.

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## Technical Skills

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

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## Leadership Experience

- Mar 2019 – Mar 2020 **SITTV, President**, Hoboken, NJ.
- 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 **Alpha Phi Omega — Theta Alpha Chapter, Webmaster**, Hoboken, NJ.
- 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 **SITTV, Director of Deliverables**, Hoboken, NJ.
- 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.