LISANDER LOPEZ

Software Engineer

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EDUCATION

University at Buffalo

BS in Computer Science | Graduated May, 2021

- Relevant Courses: Data Structures, Computer Organization, Algorithms and Complexity, Systems Programming, Web Applications, Operating Systems

WORK EXPERIENCE

M&T Bank

Software Developer | July, 2021 - Present

- Designed and Developed banker application that allowed Wire Transfers under $2M given various constraints.
- Developed and Maintained library of various Javascript UI components used by various teams totaling over 40 developers.

STUDIO LABS

Associate Developer | August, 2020 - May, 2021

- Reduced development time by up to 50% by automating build tasks.
- Decreased maintenance and development time on various websites by creating and enforcing coding standards, saving the company up to 50% in their budget.
- Created standard coding practices that were used by a team of over 30 developers.

UNIVERSITY AT BUFFALO

Teaching Assistant - CSE 220: Systems Programming and CSE 4/521: Operating Systems | August, 2019 - May, 2021

- Led lab section of 27 students, lectured on important class topics and tools.
- Increased passing rate by over 5% (compared to average pass rate) by creating additional educational content for students.
- Developed plagiarism script; to be used for future classes; that caught 5 cases of academic integrity upholding schools core values.

TECH CORPS

Summer "IT On Ramp" Instructor | June 2018 – Aug 2018

- Created safe classroom environments conducive to cooperative and hands-on learning.
- Explained complex Computer Science topics to students in a language they can relate to and understand.
- Assisted students with the successful completion of programming projects and evaluation.

PROJECTS

Dividend Tracker Exporter

Personal Project to track Personal Wealth | July, 2020

- Developed using NodeJS, Puppeteer and Google Excel.
- Increased data import time by over 90%.
- Distributed program to over 5k community members.

ADDITIONAL

- **Languages:** C, C++, Javascript, Node.js, HTML5, CSS3
- **Frameworks:** React, CUnit, NextJS, Firebase
- **Software:** Adobe XD, Jira, CircleCI, Arduino, Gulp, GNU Make, Git, GDB