FERNANDA PALACIOS

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EDUCATION

UNIVERSITY OF TORONTO
Toronto, ON
- Bachelor's Degree in Computer Science with High Distinction — Graduation Year 2022
- Relevant Coursework: Software Engineering, Data Structures, Algorithms, Operating Systems, Computer Networks

WORK EXPERIENCE

LOOPIO
Toronto, ON
Software Engineer - Core Experience Team — 01/2023 – 08/2023
- Led the scoping and implementation of the Amplitude integration into Loopio's reporting platform, resulting in a 50% increase in customer insights for the team.
- Developed a suite of interactive reporting charts, allowing users to extract valuable information from their data 10x faster.
- Implemented robust full-stack input validation for attachments and custom project fields, resulting in a 70% reduction in data-related support tickets and enhancing system reliability.

TWITTER
Toronto, ON
Software Engineer - Metrics Backend Team, Observability Platform — 06/2022 - 11/2022
- Implemented highly optimized sliding and cumulative functions in Cuckoo Query Language parser and compiler, part of the query engine that handles 100 million unique time series reads per minute.
- Developed comment functionality in Cuckoo Query Language, accelerating query development by up to 300%.
- Delivered feature upgrades to offset and default essential CQL functions, augmenting the versatility of the language.

TAPLYTICS
Toronto, ON
Software Engineering Intern — 05/2019 - 04/2020
- Led the development of collaborative editing for email marketing campaigns including establishing requirements and implementing with Socket.io and Express, resulting in 3x growth in customer membership.
- Collaborated cross-functionally with product, sales and engineering teams to scope out and build a new JavaScript SDK using Cloudflare workers, reducing response times by 75% and cost by 30%.

SOFTWARE PROJECTS

TRAFFIC DATA REQUESTS APP
Toronto, ON
Project for the City of Toronto — 09/2020 - 12/2020
- Led the development of a web application for gathering Toronto's traffic data used by 100+ consultants.

CAPSTONE DESIGN PROJECT
Toronto, ON
UofT CS Department Innovation Lab — 01/2019 - 04/2019
- Built a service which detects IoT devices' compromised passwords from a database with hundreds of millions of passwords.

ACTIVITIES

WOMEN IN SCIENCE AND ENGINEERING
Toronto, ON
Director of Industry Mentorship — 09/2018 – 04/2019
- Led team to connect 50 female undergraduates in STEM with industry mentors.

CS PROJECT INCLUDE ECUADOR
Toronto, ON
Founder and Director — 05/2017 - 07/2017
- Created educational content and ran 14 workshops to introduce Computer Science to 350+ students in Ecuador.

ADDITIONAL

Technical Skills:: Python, Javascript, Java, Scala, C, Typescript, R | Git, SQL, CI/CD, REST APIs, React, HTML, CSS