Lauro Cruz e Souza

Curriculum Vitae

Education

March 2014 — July 2019
State University of Campinas, *B.Sc. Computer Engineering*, Campinas.
Graduated with honors. GPA: 8.5 out of 10.

Experience

Google

March 2022 — Present
Software Engineer, *Travel Search Experience*, Current, Belo Horizonte.
Developing new Travel related features on Google Search, like a new Transportation feature and revamp of the current features for travel destinations.
This work mainly involves development for Search's front and backend servers, analysis over Search usage metrics and user logs and understanding of Search quality.

August 2019 — February 2022
Software Engineer, *Assistant on Search*, 30 months, Belo Horizonte.
Created features integrating Google Assistant to Google Search and promoting personalization.
- Reminders: Added reminders functionality to Google Search, which involved development on Search's front and backend, on Search's Android App and experimentation and analysis over Search usage metrics and user logs.
- Personalized data: Created two new personalized data sources compiled from Search's personalized and aggregated data on offline pipelines and served them through Search's serving infrastructures.

January 2018 — June 2018
Software Engineering Intern, *Search Explore*, 6 months, Belo Horizonte.
Created a new feature on Google Search to boost trending entities on lists of entities related to the user's query in order to improve user exploration on Search. This involved development on Search's backend server and offline Flume pipelines.
Host: Thiago Ruback.

Academic

June 2017 — June 2018
OmpCloud - Cloud as and OpenMP Offloading Device, *Undergraduate Research*, State University of Campinas, Campinas, São Paulo, Brazil.
Advisor: Dr. Hervé Yviquel (IC-Unicamp)
Co-Advisor: Prof. Dr. Guido Araújo (IC-Unicamp)
Funded by the São Paulo Research Foundation (FAPESP)

August 2015 — June 2017
Efficient and Secure Cryptography for IoT, *Undergraduate Research*, State University of Campinas, Campinas, São Paulo, Brazil.
Advisor: Prof. Dr. Diego Aranha (IC-Unicamp)
Co-Advisor: Prof. Dr. Julio López (IC-Unicamp)
Funded by a LG Scholarship

March 2015 — July 2015
Teaching Assistant, State University of Campinas, Campinas, São Paulo, Brazil.
- Algorithms and Computer Programming — 1st semester of 2015

Volunteer

April 2014 — November 2017
President (2015) and Administrative Officer, *CACo (Centro Acadêmico da Computação)*, State University of Campinas, Campinas, São Paulo, Brazil.
Unicamp Computing Students' Union

May 2014 — June 2016	**Infrastructure Administrative Officer**, *SECOMP (Semana Acadêmica da Computação)*, State University of Campinas, Campinas, São Paulo, Brazil.
	Unicamp Computing Academic Week
2015 — 2016	**Undergraduate Representative**, *Institute of Computing*, State University of Campinas, Campinas, São Paulo, Brazil.
	Undergraduate representative in the Institute Affairs Commission of the Institute of Computing during the 2015–16 term
2015 — 2016	**Undergraduate Representative**, *Faculty of Electrical and Computer Engineering*, State University of Campinas, Campinas, São Paulo, Brazil.
	Undergraduate representative in the Institute Affairs Commission of the Faculty of Electrical and Computer Engineering during the 2015–16 term

Technical Skills

Comfortable	C/C++, Java, Protobuf
Familiar	JavaScript, Go
Basic	Python, HTML, CSS

Languages

Portuguese	Fluent	*Native Language*
English	Fluent	