DANIEL ALMEIDA

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RECENT EXPERIENCE

Elastic   Sep 2021 - present
Senior Software Engineer   *Canada*

"Workload runtime security."

· Drinking espressos and instructing computers.

Cmd (acquired by Elastic)   Jan 2021 - Sep 2021
Senior Software Engineer   *Canada*

"Infrastructure Detection and Response for Linux."

· All things backend for Cmd's high-throughput, low-latency platform.
· ***Technologies:*** Golang, Kafka, MySQL, BigQuery, Kubernetes, Prometheus, Grafana.

Clio - Cloud-based Legal Technology   Jun 2020 - Dec 2020
Senior Software Developer   *Canada*

"Transforming the practice of law, for good."

· As a member of the Backend Infrastructure team, I contributed to initiatives to improve the overall reliability of Clio's platform, such as improving monitoring and visibility of services backed by Elasticsearch and a framework for easily backfilling data.
· ***Technologies:*** Ruby on Rails, MySQL, Redis, Elasticsearch, Datadog.

Orderful   Mar 2019 - Apr 2020
Senior Software Engineer   *Vancouver, BC*

"Helping companies trade EDI data the smarter way." **Highlights:**

· Worked with product managers and designers to scope, design, implement, release, and monitor new features.
· Led and contributed to the technical design and implementation of new services, such as a notifications service to handle more than 1M events per day and a new authorization approach to support user-defined roles and fine-grained permissions.
· Contributed to a variety of initiatives, such as improving the interview process, transitioning between Kanban and Scrum, and adopting a monorepo approach to code sharing between different software components.
· ***Technologies:*** TypeScript, Node, React, AWS (RDS, DynamoDB, Lambda, SQS, S3), Kafka, Docker.

CTO.ai   Mar 2018 - Mar 2019
Software Engineer   *Vancouver, BC*

"Enabling software teams to build, run, and share workflow automations." **Highlights:**

· As one of three engineers and a core member of the Platform team, contributed to the development of the Ops Platform and participated in all phases of the product discovery and delivery process.
· Improved our CI/CD pipeline on GitLab and helped introduce logging aggregation, distributed tracing, and monitoring using the ELK stack.
· ***Technologies:*** Golang, AWS (EC2, S3, RDS/PostgreSQL), Docker, Kubernetes, Elasticsearch.

Sensible Building Science   Mar 2016 - Apr 2018
Software Engineer   *Vancouver, BC*

"Transforming buildings into smart and responsive occupant-driven systems." **Highlights:**

· Responsible for taking an MVP of their main product (Bridge) to production.
· Improved the performance of Bridge to handle 10x more load. Refactored and improved its architecture to be more extensible, facilitating integrations with new partners and creating new business opportunities.

- Contributed to efforts to migrate Bridge to the cloud and support 3rd-party applications.
- ***Technologies:*** Python/Django, JavaScript, Apache/nginx, PostgreSQL, RabbitMQ, Memcached, Docker.

eCGlobal Solutions   Sep 2014 - May 2015
Software Engineer   *Salvador, Brazil*

"Enabling smarter, faster and integrated market research." **Highlights:**
- Contributed to the platform behind a number of social networks for market research (e.g., HBO MAX VIP).
- Designed and implemented an internal application to support integrations with business partners.

Technologies: Python/Django, PHP/CodeIgniter, PostgreSQL/MySQL.

EDUCATION

University of British Columbia   2017 - 2018 (dropped out)
PhD in Computer Science

- UBC CS Graduate Teaching Assistant Award (May 2018).
- Research Assistant (Sep 2017 - Apr 2018): investigating how to make software developers more productive by building tools to support software comprehension and evolution.
- Teaching Assistant (Sep 2017 - Apr 2018): *Introduction to Software Engineering* (Fall 2017); *Software Engineering Project* (Winter 2018).

University of British Columbia   2015 - 2017
MSc in Computer Science

- Research Software Engineer at Moving Picture Company (MPC) (Sep 2016 - Feb 2017): implemented a tool that used information retrieval techniques to analyze, cluster, and visualize bug reports as topics, allowing development teams to more easily identify duplicate issues and assign them to developers.
- Research Assistant (May 2016 - Aug 2017): investigating whether and how software developers understand open source software licensing (*SIGSOFT Distinguished Paper Award at ICPC 2017*).
- Teaching Assistant (Sep 2015 - Aug 2017): *Software Construction* (Summer 2016, Summer 2017); *Software Engineering Project* (Winter 2016); *Advanced Software Engineering* (Fall 2015 and Winter 2017).

University of Toronto   2013 - 2014
Exchange Student in Computer Science

- Fully funded by the Brazilian government through the Science Without Borders scholarship ($50,000+).
- Relevant coursework: Introduction to Information Security, Operating Systems, Software Engineering.

Universidade Salvador   2010 - 2014
Bachelor of Computer Science

- Undergraduate Research Assistant at the TD Research Team (Jul 2014 - Dec 2014): contributed to VisMinerTD, a tool to help developers visualize and manage Technical Debt.
- Undergraduate Research Assistant at the Software Engineering Lab (Mar 2011 - Aug 2012): responsible for the testing process in an Agile project to develop a database modeling tool.
- Undergraduate Teaching Assistant (2011 - 2012): Introduction to Computer Programming and Data Structures.

VOLUNTEERING

University of British Columbia   2015 - present
- Industry Mentor (CS Tri-mentoring program) (Jul 2018 - present).
- Graduate Affairs Committee Representative (Apr 2016 - Mar 2018).
- Student Development Committee Representative (Apr 2016 - Mar 2017).