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EDUCATION

University of Brasilia — Brasilia, DF - Brazil
BSc. in Computer Science, — March 2012 - July 2017
GPA: 4.60 / 5.00 - Graduated with honors.
Senior Thesis: "*Estimating a vehicle's steering angles using multichannel convolutional neural networks*"
Completed one year at **Haverford College**, PA, USA (Sep 2013 – May 2014).

EXPERIENCE

Amazon — Austin, TX, United States
Senior Software Development Engineer — Apr 2022 – Present
Software Development Engineer II — Jul 2019 – Mar 2022
Software Development Engineer I — Apr 2018 – Jun 2019

- **Serve as a technical lead** in Prime Business (30 engineers), supporting Amazon's B2B subscription program with more than 3+ million active business customers in 10 countries. Shape multi-year architecture vision, review designs, mentor engineers, and coordinate with partner teams to accelerate delivery.
- **Direct** engineering execution through delegation, assigning critical architecture and implementation responsibilities across multiple teams. Set technical strategy, define priorities, and oversee delivery, ensuring alignment with long-term Prime Business goals.
- **Drive** the re-architecture of Prime Business's lifecycle, introducing a modern architecture paradigm adopted by other Amazon subscription programs. Partner with Prime to reach a consensus between organizations on priorities.
- **Lead** the technical implementation of major product initiatives, including enabling subscriptions without an associated payment method — a foundational capability that enabled the launch of the free "Duo" tier in Prime Business.
- **Mentor** engineers through regular 1:1 coaching, design reviews, and organization-wide tech talks (e.g., "GenAI Tooling at Amazon").
- **Led** EU Digital Markets Act (DMA) initiatives within Prime Business and joined the Amazon Business DMA working group, supporting 600+ engineers. Guided cross-org dependency resolution, closed compliance gaps, and ensured uninterrupted service for millions of customers worldwide.

LoopKey — Brasilia, DF, Brazil
Software Developer — Aug 2015 – Mar 2018

- Developed native iOS/Android apps for LoopKey's cloud-based access control platform, focusing on Bluetooth device connectivity (Swift, Java).
- Developed forensic software for the Brazilian Federal Police (C++, Qt, OpenCV).

Haverford College — Haverford, PA, United States
Research Assistant — May 2014 – Aug 2014

- Built an Android app to grade exams from captured images and prototyped a Google Glass version for wearable use cases.

TECHNICAL SKILLS

Languages: Java, Kotlin, Python, C++, C, Swift, JavaScript, Objective-C
Cloud: AWS (DynamoDB, Step Functions, Lambda, SQS, CloudFormation, CDK)
AI frameworks & services: Codex, Claude Code, Kiro, AWS Bedrock, Amazon Kendra, Strands Agents SDK
Practices: Distributed Systems, Design Patterns, Agile/Scrum

RESEARCH PUBLICATIONS

2018: "*Autonomous Vehicle Steering Wheel Estimation from a Video using Multichannel Convolutional Neural Networks*" — 15th Int. Conf. on Informatics in Control, Automation and Robotics (**ICINCO**)
2017: "*Predicting Vehicle Trajectories in a Real Scenario with Histogram of Oriented Gradient*" — 25th Int. Conf. in Central Europe on Computer Graphics, Visualization and Computer Vision (**WSCG**)