# Everardo Rosales

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| **EDUCATION** | **Massachusetts Institute of Technology** — Cambridge, MA | September 2013 - May 2017 |

**B.S.** Computer Science    **Cumulative GPA:** 4.7

**SKILLS**

**Programming Languages**

Proficient: Java, Python, C, GoLang, BlueSpec System Verilog, Javascript, HTML and CSS

**EXPERIENCE**

**Google Inc - Geo: VMS Client APIs** — Mountain View, California    Fall 2021 - Present

*Senior Software Engineer*
- Built out APIs for Automotive OEMs to leverage Google's Map data for advance vehicle features.
- Lead quality efforts around our SDK offering to ensure we deliver a robust and reliable SDK through automated releases and integration testing.

**Google Inc - Android: Wearables** — Mountain View, California    Spring 2019 - Fall 2021

*Senior Software Engineer*
- Lead development and delivery of Google Pixel Buds Companion App through two device launches: Google Pixel Buds (2020) and Google Pixel Buds A-Series.
- Designed and built Android-side OTA update system for the TWS earphones.

**Google Inc - Android: Fast Pair** — Mountain View, California    Spring 2019 - Spring 2019

*Software Engineer*
- Rewrote and optimized Fast Pair initial device discovery stack, reducing the initial discovery latency by 70%.
- Worked with internal and external OEMs to facilitate their devices integrations with our platform and grow Fast Pair's feature set and ecosystem.

**Google Inc - Google Fiber** — Mountain View, California    Fall 2017 - Spring 2019

*Software Engineer*
- Built ingestion pipeline for social media data as part of our early outage detection systems.
- Maintained outage management and notification system which was responsible for triggering IVR outage messages, tracking outage progress and customers affected.

**Facebook - Service Foundry** — Cambridge, Massachusetts    Summer 2016

*Software Engineering Intern*
- Worked with several teams to create and release end-to-end solution to inventory, classify, and tag backend jobs with meta information to be consumed by various tools within Facebook.

**Google Inc - Google Fiber** — Mountain View, California    Summer 2015

*Engineering Practicum Intern*
- Developed real-time state change notification framework for Google Fiber Account management systems with high fan out.

**Google Inc - Pinpoint** — Cambridge, Massachusetts    Summer 2014

*Engineering Practicum Intern*
- Developed an internal schema management tool for an infoextraction subteam of Knowledge Graph.
- Added the foundation for an upgrade path for updated schema that was nonexistent before.

**PROJECTS**

**LUX** *david-rosales.github.io/ItsLit*    Spring 2017
- Autonomous, tracking work-light.
- Worked on Software demo, implementing computer vision tracking and communication protocols.

**Force Feel'd** *everrosales.github.io/MakeMIT-2015*    Spring 2015
- Force feedback system for VR using LeapMotion and Oculus Rift DK2.
- Guantlet that would restrict finger movement upon collisions within the VR environment.
- Worked on Software demo and interface with LeapMotion, Oculus Rift and the guantlet.

**OpenDeed**    Spring 2015
- Stanford-MIT Blockchain Hackathon Winner.
- White paper proposing new system for digitizing property and ownership of property using colored coins.

**AWARDS**

**MakeMIT** *LUX* — 2nd Overall Hack and Nvidia sponsor prize    Spring 2017

**Stanford-MIT Blockchain Hackathon** *OpenDeed* — Winner    Spring 2015

**MakeMIT** *Force Feel'd* — 2nd Overall Hack and Oculus sponsor prize    Spring 2015