Jose Gabriel Tamura L

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Personal Data

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Experience

Universidad de los andes:

Research assistant	Worked with human-in-the-loop mobile device interfaces for ground vehicles and articulated robots.	Tested and enhanced usability in order to improve user experience. Built a teleoperated robotic arm controlled by Android devices.
Teaching assistant	Structural Mathematics and Logic	Helped students by giving complementary classes about formal demonstrations of theorems and proving logical statements.
	Enterprise Architecture	Focused on principles of design and meta modeling to grade and give feedback about students' analysis on enterprises' needs, opportunities and problems.
	Java Object Oriented Programming 1	Guided students through the use of JEE in the OOP courses. The topics included manage of threads, sockets, interfaces and basic communication protocols.
	Java Object Oriented Programming 2	

Obtained a 5.0/5.0 grade as TA in AOOP 1, AOOP 2, E.Architecture and Structural Mathematics and Logic.

Education

July 2014 - Present   Systems and Computing Engineering, Universidad de los Andes, Bogotá
Expected Graduation: October 2018 | Gpa: 4,26/5

Projects - Awards

Jan. 2017 - Present   **ConTrack** Repository | Website

Winner of ElConcurso, where the project got funding for further development.

Developed a website that keeps track of public works and how private companies spend public money in order to complete their contracts. Its aim is to reduce corruption related to false cost overruns using dataviz.
Technologies: Meteor-React-Mongo Javascript. Group size: 3. Course "Design and innovation in TI"

July. 2016 - Dic.2016   **OilSoft** Repository

Designed and implemented a scalable back-end in order to manage the information of simulated wells (Geo location, temperature, emergencies, barrels per day). Developed a web and mobile interface for both supervisors and workers.
Technologies: *Java, REST services, Node-red , Arduino, PostgreSql, Auth0 and Play!. Group size: 4. Course "Software Architecture".*

Feb. 2016 - Jan. 2016   **Andes Port** Repository

Built a back-end server that offers the necessary services to securely manage all kind of transactions that take place in a sea port.
Technologies: *Java, REST services, Oracle SqlDeveloper, Oracle Database, Wildfly. Group size: 2. Course: "Transactional Systems".*

Technical Skills

Basic Knowledge:	LINUX Opensuse, LATEX, C
Intermediate Knowledge:	JavaScript, SQL, Mongo
Advanced Knowledge:	Java, Html-Css

Languages

Spanish:	Native
English:	Advanced
French:	Basic