

JUAN MURILLO

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github.com/jgmurillo10 

EDUCATION

Universidad de los Andes, Colombia

Expected Graduation: October 2018

B.S., Systems and Computing Engineering

EXPERIENCE

Tutor

01/2015- Present

Tutor of object-oriented programming for first semester students. The 90% of my students had final grade of 4.0/5.0 or above.

COURSE PROJECTS

AccioPlanner | NodeJS | Team Size: 4 | Web App

[Source Code](#)

Application that optimizes the number of semesters for students of double major using directed graphs.

Technologies: Git, AngularJS, JavaScript, GAMS, NodeJS, Bootstrap, HTML, CSS, PostgreSQL.

TheBible | Meteor | Team Size: 2 | Web App

[Demo](#) / [Source Code](#)

Application that stores academic files in Amazon S3.

Technologies: Git, React, Meteor, Bootstrap, HTML, CSS, JavaScript, MongoDB, HotJar, Audits, Mocka Unit Testing, Expert Review Testing.

OilCol | NodeJS | Team Size: 4 | Web and Mobile App

[Source Code](#)

Application that receives, processes and handles data received from sensors. Developed using methodological tools such as architectural styles and architectural patterns with the aim of favoring **quality attributes**.

- Documentation of architectures through points of view: Contextual, Functional, Deployment, etc.
- **Agile Process Practices** with XP / Scrum and ACDM.

Technologies: AngularJS, NodeRed, NodeJS, CryptoJS, Arduino UNO, Intel Galileo, Express, PostgreSQL, KLM GOMS, Git.

VacationPlanner | JavaEE | Team Size: 6 | Web App | Support leader

[Source Code](#)

Application that organize vacation itinerary. Developed using Team Software Process and agile process practices.

Technologies: Git, AngularJS, Angular Material, Java EE, Arquillian, Jenkins, SonarQube, Maven, JUnit, Mocka Unit Testing.

PERSONAL PROJECTS

Gloop | NodeJS | Web App

[Source Code](#)

Application that monitors water potability sensors, developed in 48 hours.

Technologies: Git, AngularJS, Javascript, NodeJS, NodeRed, MongoDB, Express, Arduino UNO.

SKILLS

Proficient (P)

Intermediate (I)

Basic(B)

- Java (P), JavaScript (P), HTML (P), CSS (I)
- MongoDB (I), PostgreSQL (I)
- NodeJS (I), React (B), AngularJS (P), Meteor (B)
- JavaEE (I), Jenkins (B), SonarQube (B)
- Single Page Web Applications with AngularJS by Johns Hopkins University on Coursera. Certificate earned on June 9, 2017
- JavaScript: Understanding the Weird Parts by Anthony Alicea on Udemy. Certificate earned on May 30, 2017