Dr. Alejandro Celis

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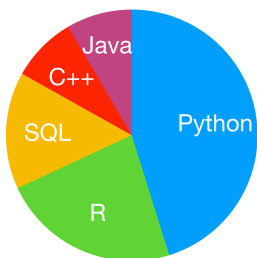
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Programming

OS Preference
mac OS ★★★★★
Linux ★★★★☆
Windows ★★★☆☆

Languages
Spanish ★★★★★
English ★★★★★
German ★★★☆☆

Experience

Nov. 15 - Now

System Developer, Web   Inkrement AS, Kristiansand
Developing ed-tech related web & mobile applications on stacks typically involving .NET C# MVC/Web API on the back end and Razor/HTML/CSS/JS on the front end, and mobile development on native Android with Java.

Wrote the ASP.NET Web API, SQLServer backend, including a React + Redux CMS front end and the native Android application for Eksamensklar (erduklar.no), a math exam preparation app for 10th graders in Norway.

Worked on various pieces of the Campus Inkrement (campus.inkrement.no) flipped learning platform including the front page, initial infrastructure and administration for the Pro/Premium model, exception/error tracking system for the front and back end, as well as a Google Analytics reporting component allowing us better insight into usage patterns across the platform.

Sept. 15 - Now

Co-Founder & IT Consultant   EnterCon AS, Kristiansand/Oslo
A small consulting company delivering software-solutions, typically web & mobile apps, software design, development and marketing and innovation consulting.
Developed and managed projects delivering web-apps, servers and mobile applications in both native (iOS with Swift & Android with Java) and hybrid formats (e.g. Ionic + Cordova + Meteor).

Aug. 15 - Nov. 15

Software Developer   meQuire Solutions AS, Kristiansand
Part time back end development on a software-stack consisting of the following technologies; NodeJS, HAPI, RethinkDB.

Aug. 15 - Dec. 15

Teaching Assistant   University of Agder, Kristiansand
Helping third year students in the IT and Information Systems Bachelor's degree programme learn in IS-213: Open Source Development.

Jan. 15 - May 15

Bachelor thesis - IS-304   Frontica Business Solutions, Kristiansand
Full stack development and full remake/modernization of legacy Information Quality system on the .NET platform with C# with technologies like ASP.NET Web Api 2, MVC, Windows Service, WCF, Twitter Bootstrap front end with JS/jQuery. Worked agile with Scrum on TFS 2012 /w TFVC and BDD for testing. *Title of the Thesis: "The Reengineering of Frontica Business Solutions' Information Quality System".* Grade: **A**.

Sept. 14 - Dec. 14

Internship - IS-302   Frontica Business Solutions, Kristiansand
Documentation of in-house VBA application as well as full stack development of in-house Active Directory user information reporting service on the .NET platform with C#. ASP.NET MVC, QUARTZ.NET for scheduled jobs and Twitter Bootstrap, JS/jQuery on the front end. Grade: **A**.

Education

Aug. 13 - June 15   **BSc in IT and Information Systems**   University of Agder, Kristiansand
An IT and Information Systems education focused on the interdisciplinarity of systems development and project/business management subjects.
Title of the Thesis: "The Reengineering of Frontica Business Solutions' Information Quality System". Grade **A**.

Aug. 09 - June 12   **University Admissions Certification**   Toppidrettsgymnaset i Telemark, Skien
Top-level Sports Upper secondary school. Main subjects: Football (soccer), International English, Sociology and Social Anthropology, Politics and Human Rights, Social Studies English.

Projects

Oct. 16 - Now   **Brobet API & Android app**   Project with Sondre Sallaup
Spare time project with Sondre Sallaup, where I created and maintained the backend stack and native Android application. Backend stack consisted of a NodeJS (v6.x LTS) TypeScript GraphQL API with a PostgreSQL database using the ApolloStack libraries/toolset, ExpressJS http/ws server framework and Twitter Digits for authentication. Private repo.

Aug. 15 - Oct. 15   **UiA Schedule for Android**   EnterCon project
An Android application for displaying the schedule is a user-friendly, mobile-friendly manner. The scraping-logic from the C# Schedule Scraper below was ported to Java so that the app runs natively. Github repository.

June 15   **UiA Schedule Scraper**   Solo project
A C# console application scraping university programme schedule information of their webpage, outputting JSON. Github repository.

Certifications

Oct. 15   **PRINCE2 Foundation certification**   University of Agder, Kristiansand
Foundation-level Project Management certification.

Alejandro Celis

August 6, 2018