

Daniel Chaparro

dnlchaparro@gmail.com ■ <https://www.linkedin.com/in/dnlchaparro> ■ www.danielchaparro.me ■ 646 301 0364

Employment

Morgan Stanley

Technology Associate

New York, NY, June 2016 – Present

- 3D Desktop migration to web: Moved the platform that hosts all the advisors applications from a wpf application to a web browser based container by creating a javascript library that allows the different apps to communicate, navigate, and interact with each other, without the individual application teams having to make any changes. Technologies used: Typescript, StencilJS, HTML/CSS
 - Designed and created a javascript library that allows applications to interact with each other.
 - Decreased the loading times of the different applications for up to 50%
 - Created a web app that allows advisors to navigate to all their applications in a web browser
- Next Best Action: Application that gives financial advisors a list of insights they can offer their clients ranked in order of importance, as well as a list of clients to contact also ranked. Technologies used: Angular, HTML/CSS, .Net/C#, and OData
 - Implemented the UI for the application
 - Created a service to obtain and process the lists and send them to the UI
- Business View: Dashboard used by financial advisors that dynamically loads applications previously selected by the users. Technologies used: Angular, HTML/CSS, .Net/C#, OData, and SQL
 - Created an app store that lets the advisors select which applications they want to install and the order in which they should be displayed
 - Implemented a system where managers can create templates specifying the applications that are available and/or mandatory for a group of advisors
 - Implemented the system that gets the applications, using the template metadata, and renders them in the dashboard

Technology Analyst

New York, NY, February 2016 – May 2016

- Went through a technology training program imparted by Mallon Associates <http://matraining.com> (Curriculum included C++, Java, C#, Scala, Javascript, UNIX, Databases, REST, SOAP)
- Implemented the back end of a system that

Summer Technology Analyst

New York, NY, June 2015 – August 2015

- Built a hybrid iPad app using HTML, CSS, Javascript and AngularJS
- Compared the performance between an app built using AngularJS and ReactJS

Secretariat of the Interior (SEGOB)

Mexico City, Mexico, July 2011 – June 2014

Research and Development Engineer

- Information about these projects is confidential

Education

Columbia University

New York

MS in Computer Science. Specialization in Machine Learning

Tec de Monterrey, Campus Ciudad de México

Mexico City, Mexico

MS in Engineering Science. Specialization in Control Systems and Robotics

Tec de Monterrey, Campus Ciudad de México

Mexico City, Mexico

BS in Mechatronics Engineering

Programming Languages and Technologies

HTML/CSS, Typescript, Angular, Stencil JS, Javascript, SQL, Java, Python, SQL, .Net/C#, MATLAB