

# ABRAHAM SAUCEDO CEPEDA

## CONTACT INFORMATION

Address: 225 6th Street SW, Apt. 113, Calgary, Alberta, T2P3S1  
Mobile phone: 403 681 2165  
E-mail: abraham.saucedoceped@ucalgary.ca

## ACADEMIC DEGREES

**Graduate:**  
Economics Department, University of Calgary  
PhD Program, September 2016 - present date

Economics School, Universidad Autónoma de Nuevo León  
-Master's Degree in Economics with specialization in Industrial Economics

**Undergraduate:**  
Physical and Mathematical Sciences School, Universidad Autónoma de Nuevo León  
-Bachelor's Degree in Mathematics

## JOB EXPERIENCE

**June 2013 – August 2016: Grupo Reforma**  
El Norte newspaper business section journalist  
- Covering news from the financial sector, public finances and fiscal policy  
- Proposing and doing research work for news stories based on diverse macroeconomical trend analysis

**April 2012 – May 2013: Smart Consultores**  
Data Analyst & Developer  
- Mapping and designing diagrams for the internal work process of a real estate agency.  
- Developing a graphic user interface and system to improve efficiency of data inputting and sharing related processes within the same agency.  
- Advising on the selection of a broader process management system for the same agency.

**October 2011 – February 2012: Leal Materias Primas**  
Purchasing Executive  
- Forecasting product demand through statistical means and generating purchase proposals.  
- Reporting observed supply and demand behavior in order to theoretically support said purchase proposals  
- Reviewing and capturing invoices of every product acquisition.

**January 2008 - April 2009: Aleph 5**  
Data Analyst & Solution Developer  
- Researching how to best implement value-chain models that aimed at optimizing our clients costs and profits and simulated production, distribution and sales processes.  
- Developing systems, tailor-made to our clients needs, which integrated different modules for database population, construction of the value-chain model to be optimized, solver software to solve said optimization model, and automatic generation of production and sales plans.  
- Interface tuning, correcting, and embellishing after feedback sessions with our clients.

**June 2006 - December 2007: KUMON mathematics**  
Teaching  
- Applying Kumon's patented teaching method, grading tests and tutoring young students.

## **EXTRA-CURRICULAR**

October 2017 – Present Date

President of the Economics Graduate Association of the Economics Department at the University of Calgary: Representation of the Department's graduate student community.

## **PRACTICE AND RESEARCH**

January 2018 - Present Date

Research Assistant for Doctor Arvind Magesan, of the Economics Department at the University of Calgary, doing econometric research work on the relation between weapons sales and conflict on European countries

August 2010 – August 2011

Master's Degree Thesis: Modelling the Mexican mortgage credit market as a mixed duopoly, in order to evaluate the social quality of Infonavit's pricing strategies.

August 2007 - December 2008

Research Assistant in a project aiming to develop an algorithm for the forecasting of potential heart ills, based on statistical methods and the Complex Dynamics concept known as Fractal

## **AWARDS**

Microeconomics Prize, Macroeconomics Prize, and Econometrics Prize 2016 - 2017

All three awarded by the Department of Economics at the University of Calgary to students with the highest grade in each subject during the first year of the PhD program

Finalist at the national Pierre Fermat mathematics contest.

Mexico D.F. on November 29, 2008

Participant in the round to top level at the national Pierre Fermat mathematics contest.

Mexico D.F. on October 18, 2008

2nd. Place in the short story category at UANL Young Writers 2008.

Monterrey, Nuevo Leon on August 2008

## **PROFESSIONAL SKILLS**

Software:

- Stata (StataCorp) 75%,
- Gauss (Aptech) 75%
- Matlab (The Mathworks Inc.) 75%
- Visual Basic 75%

Languages:

- Spanish 100%
- English 99% (Reading 100%, Writing 98%, Speaking 96%, Listening 100%)

Excellent written and oral communication, writing and redacting skills, creativity.

## **AREAS OF INTEREST**

Project evaluation, behavioral economics, experimental economics, applied economics, financial analysis, applied mathematics, applied statistics, optimization, optimization heuristics, teaching, literary analysis, and journalistic writing.

## **PROFESSIONAL OBJECTIVES**

- To be able to apply and nurture my abstraction, creativity, logical reasoning and methodical thinking skills, with increasingly challenging problems.
- To satisfy my intellectual curiosity
- To shape my professional and individual profile with points of view different from mine.
- To be an example of a successful professional who is loyal to his ethical precepts and personal values.