

NICOLÁS HOCK ISAZA

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WORK HISTORY

Universidad EAFIT (Medellín, Colombia)

R+D In Computer in Education (October 2009 - Present)

Part-Time Research Assistant

- Develop a social network in Ruby on Rails for the University
- Develop a social network for the Colombian Ministry of Education called "Banco de Proyectos"

Universidad EAFIT (Medellín, Colombia)

University Library (October 2010-Current)

Developer

- Design and develop a Book-Trade social network
- <http://truequeliterario.com/>

EAFIT University (January 2008 - 2009)

Part-Time Research Assistant

- Develop a software that creates the collatio from different editions of the same text.
- Tune-up the algorithm to compare long texts.
- Design and develop the UI for the software.

Universidad EAFIT (Medellín, Colombia)

Seminar for Programming Contest (January 2009-Current)

Director and Teacher

- Teach simple and advanced data structures
- Teach advanced algorithms for programming contest

EDUCATION

Universidad EAFIT (Medellín, Colombia)

2007-Current Computer Science

Current Cumulative (GPA): 4.4/5

Selected Coursework:

Computer Science: Computer Graphics · Programming Languages · Data Structures and Algorithms · Automata & Computation · Numerical Analysis · Databases · Operating Systems · Computer Architecture · Compilers · Software Engineering

Mathematics: Multivariable Calculus · Linear Algebra · Discrete Math · Physics · Statistics · Operations Research

Universidad de Antioquia (Medellín, Colombia)

2008-2010

Retired for Internship

Selected Coursework:

Mathematics: Real Analysis · Linear Algebra · Logic · Set Theory · Differential Equations · Number Theory

SKILLS

- Proficient in software development using C/C++ and Ruby.
- Proficient in Web Development using Rails.
- Proficient in TDD and BDD.
- Familiar with Javascript and Bash.
- Familiar with GNU/Linux and Mac OS X.
- Familiar with technologies such as Git and SVN.
- Familiar with Photoshop, Illustrator, Fireworks, Flash and Flex.

LANGUAGES

- Spanish - Excellent
- English - Excellent (TOEIC 920)

CONTACTS

Juan Guillermo Lalinde (Universidad EAFIT)

Professor of the data structures, algorithms and operating system signatures

- jlalinde@eafit.edu.co - (+57)311 349 81 74

Helmuth Trefftz (Universidad EAFIT)

Professor of computer graphics. Chair of Computer Science Department

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ACHIEVEMENTS

- ACM-ICPC World Finals, Orlando Florida, Participant, 05/27/2011-01/06/2011
- South American Contest ACM ICPC, Universidad de los Andes, Second place, 2010
- National Programming Contest ACIS REDIS, Medellin Colombia, Eight place, 2010
- South American Contest ACM ICPC, Universidad de los Andes, Fifth place, 2009
- Third GEMIS-OE Programming Contest, EAFIT University, First place, 2009

PERSONAL PROJECTS

Here I keep my personal projects (Current)

Developer

- <https://github.com/nhocki/>

Director (Current)

Developer

- Simple Sinatra application to prevent broken links when moving an application from one domain to another.
- <https://github.com/nhocki/Director>