

Esteban Rodríguez Betancourt

Areas of Interest

Programming languages and computing paradigms. Database internals, distributed systems. Develop new solutions to problems using algorithms and data structures.

Education

- 2014–in progress **Lic. in Computing and Informatics**, *Universidad de Costa Rica*, San José, Costa Rica.
- 2012–2014 **BS. in Computing and Informatics**, *Universidad de Costa Rica*, San José, Costa Rica.
- 2008–2011 **Computing Engineering**, *Instituto Tecnológico de Costa Rica*, Cartago, Costa Rica.
Completed 94 credits towards Computing Engineering. Including courses like Computing Languages, Compilers and Interpreters, Information Visualization, Geographic Information Systems, etc.

Experience

- Jul 2015–Now **Systems/Software Engineer**, *Hewlett Packard Enterprise Networking*.
Several projects including: *OVSDB Improvements*: Developing of tools for benchmarking OVSDB, improvements for the C IDL and the OVSDB Server. Code contributions to Open vSwitch and Open Switch.
- I Semester, 2015 **Assistant for Computational Paradigms course**, *ECCI, UCR*.
- Feb 2013–Jun 2015 **Assistant at Geophysical Research Center (CIGEFI)**, *UCR*.
Development of tools for processing and analysis of several TB of meteorological data using Go, Python, BASH, Matlab, C, Fortran and others. Data visualization (HTML 5, AngularJS, Matplotlib), GIS (QGIS).
- 2008 **Tutor for Costa Rican Math Olympiad**, *Colegio Monterrey*.

Achievements and Participations

- 2015 **Participation at CIGEFI XLII Mini-Congress**.
Presentation for project VI-805-A4-906: “Links between CIGEFI researchers: analysis of sociotechnical networks, from the publications between 1979 and 2014”.
- 2010 **ACM International Collegiate Programming Contest, Mexico & Central America**.
Honorific Mention. Querétaro, México, 2010
- 2004–2007 **Participation at Costa Rica Math Olympics (OLCOMA)**.
Level C Bronze Medal (2007), Level B Gold Medal (2006)
- 2001–2002 **Participation at Costa Rican Primary Education Mathematics Olympics (OMCEP)**.
Silver medal (2002).

Skills

- Platforms** Linux, Windows. In cloud platforms had used Google App Engine, Heroku, Digital Ocean.
- Languages** Go, C, Javascript, Python, Java, Scheme (Racket).
- Other languages** I have also used C++, C#, PHP, Ruby, LISP, Bash, ASM (AVR, PIC, x86), SQL, Scala, Logo (NetLogo, FMSLogo), Visual Basic, Standard ML, Haskell, ActionScript, Pascal, Prolog, Matlab, R, etc.
- Other** MR with Hadoop, Spark.

Languages

- Spanish** Native
- English** High School at Colegio Monterrey and career courses at ITCR and UCR.

Others

- 2014–2015 **Member of the ECCI Students Association**, ECCI, UCR, San José.
- 2013–2014 **Student representative at School Assembly**, ECCI, UCR, San José.
- 2011 **Student representative at “Consejo de Docencia”**, FEITEC, ITCR, Cartago.