

# CURRICULUM VITÆ

## PERSONAL INFORMATION

Name: Allan A. Zea

Date of birth: May 21st, 1998

Place of birth: Caracas, Venezuela

Mobile phone: +49 151 45631140

Email address: allan.zea@ciens.ucv.ve

## EDUCATIONAL BACKGROUND

UNIVERSIDAD CENTRAL DE VENEZUELA

*Licenciatura en Matemática*

Escuela de Matemática, Facultad de Ciencias

Av. Los Ilustres, Los Chaguaramos, Caracas, VE

## PROFESSIONAL EXPERIENCE

*Research Programmer*

Algorithmic Dynamics Lab

Karolinska Institutet, Stockholm, Sweden

**Website:** [www.algorithmicdynamics.net](http://www.algorithmicdynamics.net)

*Software Developer*

Algorithmic Nature Group

LABORES Scientific Research Lab, Paris, France

**Website:** [www.algorithmicnature.org](http://www.algorithmicnature.org)

*Software Developer*

The Chain – Blockchain & AI solutions

Subsidiary of finHACK, Caracas, Venezuela

**Website:** <http://thechain.tech/>

*Research Assistant*

School of Dentistry & Department of Mathematics

Universidad Central de Venezuela, Caracas, VE

Dates: September 2015 – September 2016.

*Visiting Student*

Centro de Visualización Médica (CEVIM)

Instituto Nacional de Bioingeniería, Caracas, VE

Dates: March 2015 – May 2016.

*Teaching Assistant*

Centro Escolar Aula Nueva, Caracas, VE

Dates: October 2015 – December 2015.

## PUBLICATIONS &amp; PREPRINTS

*Causal Deconvolution by Algorithmic Generative Models*

Hector Zenil, Narsis A. Kiani, Allan A. Zea, Jesper Tegnér — Nature Machine Intelligence **1**(1), 58–66  
Release date: January 2019

*Data Dimension Reduction and Network Sparsification based on Minimal Algorithmic Information Loss*

Hector Zenil, Narsis A. Kiani, Antonio Rueda-Toicen, Allan A. Zea, Jesper Tegnér — arXiv:1802.05843  
Release date: July 2018

*Computational Selection of Tooth Shades in Direct Restorations with Composite Resins* (conference paper)

Allan A. Zea, Aljhadys Zea, Mabel Sáenz-Guzmán — Published in the Proceedings of JIFI-EAI 2016  
Release date: November 2016

*Characterizing the structure of protein-protein interaction networks* (conference paper)

Allan A. Zea, Antonio Rueda-Toicen — Published in the Proceedings of CIMENICS XIII  
Release date: June 2016

## LANGUAGES &amp; TESTING

*English*: Full professional proficiency  
SAT®: 95<sup>th</sup> percentile (2017)

*German*: Intermediate proficiency  
TELC B2®: Bestanden (March 2019)  
TESTDAF®: Testing date to be established

*Russian*: Elementary proficiency  
No relevant testing information

*Spanish*: Native proficiency  
No relevant testing information

## SOCIETIES &amp; ORGANIZATIONS

*Facebook Developer Circle*: Berlin

Location: Berlin, Germany  
Member since: September 2018  
**Website**: <https://developers.facebook.com/developercircles/>

*Physics & Mathematics in Biomedicine Consortium*

Location: Caracas, Venezuela  
Member since: February 2017  
**Website**: <http://mglmrtn.wixsite.com/pmbioc>

## PERSONAL REFERENCES

**Tomás Guardia**

*Department of Mathematics*  
Gonzaga University  
Spokane WA, USA  
[guardia@gonzaga.edu](mailto:guardia@gonzaga.edu)

**Antonio Rueda-Toicen**

*Instituto Nacional de Bioingeniería*  
Universidad Central de Venezuela  
Caracas, Venezuela  
[antonio.rueda@ucv.ve](mailto:antonio.rueda@ucv.ve)

## INTERNET PROFILES:

GITHUB: <https://github.com/allgebrist>

LINKEDIN: <https://ve.linkedin.com/in/allan-zea>

SCHOLAR: <http://scholar.google.de/citations?user=rylqmjEAAAAJ&hl=de>

19. April 2019