

Igor Augusto Brandão

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Objective

Enroll in a Computational Biology and Bioinformatics doctoral program, besides through the acquired knowledge/experience create biotechnology business and solutions to bring technological innovation to our country, create jobs and improve people's lives with the developed products.

Education

Federal University of Rio Grande do Norte (2019-2020)

Master's degree, Bioinformatics and Computational Biology

Project: Systems biology approaches in the investigation of articulation points in KEGG pathways

Website: <https://igorabrandao.com.br/kegg-pathway-bottleneck/banner.pdf>

Federal University of Rio Grande do Norte (2017-2018)

Specialization degree, Residency in Information Technology applied to the Legal Area.

Federal University of Rio Grande do Norte (2014-2018)

Bachelor's degree, Information Technology: Software Engineering.

Presbyterian University Mackenzie (2010 - 2013)

Bachelor's degree, Business Administration and Management: Finance.

Fatec Carapicuíba – Technology College (2010 - 2012)

Technical license, Systems Analysis: Web development.

Work Experience

Freelancer in software development (2012-2018)

Self-employed.

Residency in Information Technology applied to the Legal Area (2017-2018)

Rio Grande do Norte Court of Justice.

Full Stack Developer (2017-2017)

Interativa Digital.

Equity researcher (2013-2013)

CFA Institute.

Software Developer (2009-2009)

Kuadrus Informática.

Intern Software Developer (2008-2009)

Visual Mix.

Publications

The Role of Vitamin D and Sunlight Incidence in Cancer (2019)

Journal: Anti-Cancer Agents in Medicinal Chemistry.

The relationship between vitamin D deficiency and oxidative stress can be independent of age and gender (2019)

Journal: International Journal for Vitamin and Nutrition Research.

Study of the relationship between vitamin D deficiency, sunlight incidence and skeletal/extra skeletal diseases (2019)

Journal: International Journal for Vitamin and Nutrition Research.

Technical Skills

- R and Python programming;
- Relational databases and NoSQL;
- Data Mining;
- C, C++, Java, Dot .Net programming;
- Web development with PHP, Yii, RESTful API (backend);
- Html 5, Css 3, Javascript, JQuery (front-end);
- AngularJS, 2/4/5/6/7 (front-end framework);
- Ionic (mobile);
- Wordpress (CMS);
- Software architecture and requirements specification;
- Docker and virtualization (vagrant);
- Linux, Windows and Mac OS.

Awards

2nd Place at Flourish Hackathon (2019)

Sebrae of Rio Grande do Norte.

Winner at Microsoft Hackathon (2015)

Federal Institute of Rio Grande do Norte.

Best relational database project at Microsoft Student to Business (2010)

Microsoft Innovation Center.

Other Informations

Linkedin:

<http://www.linkedin.com/in/igorbrandao>

Personal website:

<https://igorabrandao.com.br>