

# André Vinícius de Sousa Nascimento

Web Developer, Geophysicist

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- My personal website
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## Interests

- Web development
- Backend
- Frontend
- Scientific programming
- Data science
- Machine/deep learning
- Seismology

## Skills

### Programming languages

Python  
Javascript

### Frontend

HTML  
CSS  
React  
Bootstrap  
jQuery

### Backend

NodeJS, ExpressJS  
MongoDB, Mongoose  
Authentication and security

### Other

Linux  
Git, GitHub  
RESTful APIs

## Languages

Portuguese (Mother tongue)

English (ITP TOEFL: 637, 2019)

French

Spanish

## Experience

Oct., 2014 –  
Jul., 2017

### Internship

University of Brasília, Brazil

Internship in the Seismological Observatory of the University of Brasília, working with analysis and interpretation of seismic data and writing technical reports concerning the monitoring of reservoir induced seismicity. Analysis is performed using software such as: SAC (Seismic Analysis Code), Scream! (Seismic network monitoring software), GMT (The Generic Mapping Tools), SeisComp3 (Seismological Communication Processor), etc.

## Projects

- Countries, w/ RESTful API**  
Find useful and cool information about most countries on Earth. Link: <https://bcjl1.csb.app/>.
- Secrets**  
Don't keep your secrets, share them anonymously. Web application with backend and frontend. Link: <https://a-secrets-app.herokuapp.com/>.
- Social Media Dashboard**  
A dashboard which displays, in a intuitive way, a summary of your current social media numbers. Link: <https://178i9.csb.app/>.
- Rock, Paper and Scissors**  
Beat the computer in the classic Rock, Paper and Scissors game. Link: <https://nascimentoandre.github.io/rock-paper-scissors/>.
- Notes**  
Use Notes to plan your day and remind yourself of the important things you have to do. Link: <https://qb1ci.csb.app/>.
- GitHub**  
You can find the codes of the projects above in my GitHub repository: <https://github.com/nascimentoandre>.

## Education

### Master's degree

2017 – 2019

### Applied Geosciences and Geodynamics

University of Brasília, Brazil

**Title:** Rayleigh wave group velocity tomography of South America

**Advisor:** Dr. George Sand Leão Araújo de França

**GPA:** 4,88

Rayleigh Waves

Inversion

Fast Marching Method

Subspace

South America

### Bachelor's degree

2013 – 2017

### Geophysics

University of Brasília, Brazil

**Title:** Subsurface modeling of the Jequitáí region

**Advisor:** Dr. Mônica Giannocco Von Huelsen

**GPA:** 4,3

Jequitáí Reservoir

Gravity method

Inversion

Subsurface model