

# Guilherme Borba Neumann

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## EDUCATION

### PUC-RIO

Pontifical Catholic University of Rio de Janeiro

### MSC IN INFORMATICS

July 2019

Cum. GPA: 9.5 / 10.0

### BS IN BIOLOGICAL SCIENCES

July 2017

Cum. GPA: 9.1 / 10.0

### CEFET-RJ

TECH. TELECOMMUNICATIONS

Grad. Dec. 2012

## LINKS

Github:// [neumannguib](#)

LinkedIn:// [guilherme-neumann](#)

Research Gate:// [Guilherme\\_Neumann](#)

Lattes:// [K4343808H9](#)

## COURSEWORK

### GRADUATE

Genome Assembly

(Teaching Asst) Python

Graph Database to DEGs

Smart Forests

### UNDERGRADUATE

Molecular Virology

DNA Sequencing

Biochemistry/Microbiology

(Teaching Asst) C language

## SKILLS

### PROGRAMMING

Good level:

Python • C

Familiar:

R • Java • Cypher • Html

### LANGUAGES

Fluent:

Portuguese

Advanced:

English

Basic:

Spanish • German

## EXPERIENCE

### HUMBOLDT UNIVERSITY OF BERLIN | SCIENTIFIC ASSISTANT

August 2019 – current date | Berlin, Germany

- Developing a customized SNP chip for the endangered german DSN cattle breed

### PROJETO PORTINARI | DEVELOPER

December 2018 – July 2019 | Rio de Janeiro, Brazil

- Developing php and python tools and scripts, and managing relational databases

### PUC-RIO | MASTER STUDENT + GRADUATE TEACHING ASSISTANT

August 2017 – July 2019 | Rio de Janeiro, Brazil

- Assisting Python classes
- Researcher at BioBD Lab - Genome Assembly Evaluation Project

### MOLECULAR VIROLOGY LABORATORY UFRJ | RESEARCHER INTERN

Sep 2016 – July 2017 | Rio de Janeiro, Brazil

- Researcher in Primary Resistance from Southern and Southeastern Brazilian HIV+ patients project

### PUC-RIO UNDERGRADUATE TEACHING ASSISTANT | RESEARCHER INTERN | VOLUNTEER TEACHER

Feb 2014 – July 2017 | Rio de Janeiro, Brazil

- Assisting C lang Courses (Undergrad Teaching Assist) March 2017 – July 2017
- Intern in Sugarcane Genome Project (BioBD Lab) March 2016 - Aug 2016
- Assisting C lang Courses (Undergrad Teaching Assist) March 2016 – July 2016
- Assisting Ecology of Communities and Ecosystems Course (Undergrad Teaching Assist) March 2015 – July 2015
- Intern Technical level B from CNPQ in the project Bamboo for a Sustainable Engineering: Study of silver nanoparticles as fungi inhibitors on bamboo Dec 2014 - Dec 2015
- Biology Teacher at a Pre-College Course which helps High school students to get into a University.

### CEFET-RJ CAMPUS PETRÓPOLIS | RESEARCHER INTERN

March 2013 – Dec 2013 | Petrópolis, RJ - Brazil

- Zigbee Networks Research Project

### ORANGE BUSINESS SERVICES | TRAINEE

Feb 2012 – March 2013 | Petrópolis, RJ - Brazil

- Trainee in Computer Networks and Telecommunications

## AWARDS

2016 Academic Merit Certificate

PUC-Rio

2015 Honorable Mention 450 Anos Contest.

PUC-Rio

2012 Gold Medal

Brazilian Physics Olympiad

2011 Award of Recognition

Petrópolis City Council