



# JOÃO PAULO BERNHARDT

SOFTWARE DEVELOPER & CIVIL ENGINEER

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## RÉSUMÉ

Backend developer with focus on test-driven, object-oriented code, looking for opportunities in junior/mid level jobs.

From Fortaleza/CE - Brazil, 24 years old.

Available for local and international relocation.

/joaopbernhardt

/joão-paulo-bernhardt



## EDUCATION



### CIVIL ENGINEERING

Bachelors Degree | 2011.1 - 2016.2  
Universidade Federal do Ceará



### CIVIL ENGINEERING - EXCHANGE PROGRAM

University of Strathclyde | 2011.1 - 2011.2

Studied one year in Glasgow, United Kingdom, through an international exchange program.



### WIND ENERGY - COURSERA

Denmark Technical University | 35h

Online course completed with 93,7% grade. Officially certified by Coursera.



### ENGINEERING SIMULATIONS - EDX

Cornell University

Online course in the field of Engineering Simulations, including the Finite Element Method and Computer Fluid Dynamics using the software ANSYS. Officially certified by EDX.



### SCIENTIFIC RESEARCH

Laboratory for Computational Mechanics and Visualization

Project: "Computational Methods for Optimization Analysis and Projects of Composite Material Risers", under guidance of Evandro Parente Júnior.



## PROFESSIONAL EXPERIENCE

### FREELANCER

BUSINESS INTELLIGENCE / PROGRAMMING

May/2017 - Current

- Development of management worksheets with VBA for companies;
- Planning and implementing third-party software in companies;
- Development of custom software and websites.



### CIVIL ENGINEER - SS&B Construtora

Jan/2017 - Mar/2017

- Elaboration of technical proposals for engineering services - including wind farms;
- Creation of budget and executive schedules for civil works;
- Civil production control and optimization;
- Post-delivery quality maintenance;
- Proposals of enhancements for the company's backoffice software.



### ENGINEERING INTERN - SS&B Construtora

Ago/2016 - Dec/2016



### ENGINEERING INTERN - Caixa Econômica

Jan/2015 - Jul/2016

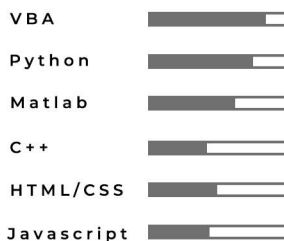
- Technical and financial analysis support;
- Processes automation - elaboration of worksheets and softwares for better contract management;
- Monitoring of contractors' works - physical and financial data processing;
- Verification of candidate proposals for financing according to corporate specification guidelines.

## LANGUAGES

- Portuguese: native.
- English: IELTS score - 8.0 out of 9.0 max. Daily use.
- Hungarian: beginner, currently learning.



## PROGRAMMING LANGUAGES



## PROGRAMMING CONCEPTS/OTHER



## REFERENCES

Roberto César | Real Estate Credit Coordinator - Caixa Econômica Federal  
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Evandro Parente Júnior, D. Sc. | Professor and Researcher - Universidade Federal do Ceará  
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## OTHER

- Scientific publication on composite structures optimization using genetic algorithms.
- Financial consultant at Expo Produções.
- Extracurricular professor for undergraduate students on the subject:
  - Computer modelling of Wind Turbine Foundations.
- Volunteer experience at Piratas da Praia Hostel for maintenance services.