

BRANDON MANUEL ACOSTA CASCANTE

LANGUAGES

- Spanish.
- English (B1)

SKILLS

- Motivated, hardworking.
- Ability to work as a team.
- Easy use of computer equipment and quick learning

CONTACT INFORMATION

ID: 1-1613-0762
DATE OF BIRTH: July 23, 1995
MARITAL STATUS: Single
NATIONALITY: Costa Rican
PLACE OF RESIDENCE: Desamparados, San José, Costa Rica
PHONES: +5062219-06-06, +506 8855-22-35
EMAIL: acostabrandon@hotmail.com
acostabrandon2395@gmail.com

ACADEMIC EDUCATION

2023: Bachelor's Degree in Geology, University of Costa Rica:

- Honor graduation.

2022: Bachelor's Thesis in Risk Prevention:

- Project titled "Seismotectonics in the intersection zone of the Aguacaliente and Navarro fault systems and its implication in slope instability."
- Software use: Arcgis, Qgis, Hydronogmon, ILWIS.
- Bash Scripts on Linux.
- Extraction and management of the database of the National Seismological Network.
- Seismological interpretation using Linux and Seisan software.

2021-Present: Computer Systems Engineering Student:

- Fidélitas University (sixth semester).

2020: Bachelor in Geology, University of Costa Rica.

2012: Bachelor in Secondary Education:

- El Rosario School.

WORK EXPERIENCE

2020-2023: Geologist at Tecnoambiente Centroamericana S.A.:

- Position as geologist and environmental consultant.
- Responsible for the presentation of projects related to SETENA and the Water Directorate (D1, D2, Pollutant Transit, Environmental Regencies, Gauges).
- Management of well and project databases.

2018-2020: Assistant in the National Seismological Network:

- Location of seismic events in real time (using Seisan).
- Improvement of the existing catalog (using Seisan).
- Maintenance of seismic stations.

2019: Geological Practice at the OVSICORI (Volcanological and Seismological Observatory of Costa Rica).

2017-2018: University Communal Work in Risk Management:

- Carried out in threatened communities in the country, specifically in Nosara

COLLABORATION ON PROJECTS

2019: Geological Campaign in Guabo, Pérez Zeledón:

- Focus on Sedimentology and Stratigraphy.
- Description and petrographic classification of the samples obtained.
- Preparation and interpretation of stratigraphic columns.
- Preparation of the database of the entire campaign area for geological, sedimentological and stratigraphic interpretation.

2018: Collaborator in the Soil Study for the Nueva Guatemala Cemetery:

- Located in the province of Guanacaste, Costa Rica.
- Participation in Project 0960 of the Central American School of Geology, UCR.
- Specialized Soil and Rock Laboratory Services.
- DPM dynamic penetration surveys.
- Permeability test using Guelph permeameter.
- Construction of conceptual geotechnical models

Collaborator in the study of consistency and support capacity of soils:

- Made for the design of a water storage tank by ASADA Bocas de Nosara, Nicoya, Guanacaste.
- Analysis of the relationship with the regional geological context.
- Specialized Soil and Rock Laboratory Services.
- Project 0960, Central American School of Geology, University of Costa Rica.

EXTRACURRICULAR ACTIVITIES

2021: Certificate in Basic Cardiac Support:

- Issued by the Benemérito Fire Department of Costa Rica.

2020: Participation in the Volunteer Program:

- University of Costa Rica.
- Located in the Tenorio Volcano National Park.

2019: Japan Embassy Scholarship:

- Together Program!! in Japan, focused on issues of climate change and global warming.
- Made in Tokyo and Hokkaido, Japan.

2018: Course and Workshops:

- Introduction to first aid course (Free Course Program, University of Costa Rica).
- Academic Workshop on Python Programming for Seismology (National Advanced Computing Laboratory of the National High Technology Center, San José, Costa Rica).
- Participation in the initial meeting of the EWARNICA Project in San Salvador, El Salvador.

2017: President of the Central American Association of Geology Students:

- University of Costa Rica, period 2017-2018.

Volunteer in the Chirripó National Park on behalf of SINAC.

2016: Participation in the Volunteer Program:

- University of Costa Rica.
- Activity carried out in the Casona de Santa Rosa.

2015: Attendance at the XII Geological Congress of Central America:

- Managua, Nicaragua.

ASSISTANCES

2018-2022: Assistant to the National Seismological Network (RSN) UCR-ICE:

- Collaboration in work related to seismology.
- Location of seismic events in real time (using Seisan).
- Improvement of the existing catalog (Using Seisan).
- Maintenance of seismic stations.

2017: Geological Drawing Course Assistant:

- Central American School of Geology, University of Costa Rica.
- Review of projects, assignments and exams.
- Control of student database (grades, attendance).

LANGUAGES

Spanish.

Intermediate English (B1)

CERTIFICATIONS AND TECHNICAL SKILLS

B1 license

Tools and Programming Languages:

- Seisan
- Seiscomp3
- Python
- Java
- C++,
- Github
- ArcGis
- QGis
- ILWIS
- Jira,
- Microsoft Office Package (Word, Excel, PowerPoint, Outlook, OneNote, OneDrive)
- Operating systems: Linux, Windows.
- Adobe XD
- Adobe Illustrator

Database management:

- MySQL
- SQL Server
- SQL Developer.

2023: Scrum Fundamentals Certificate:

- Issued by ScrumStudy.

CISCO CCNAv7 Certifications:

- Switching, Routing and Wireless Essentials.
- Introduction to Networks.

2022: IoT Introduction Certificate:

- Cisco Networking Academy.

2018:Academic Workshop on Python Programming for Seismology.

2012: Certificate of Achievement (160 hours):

- Microsoft Office Workshop, El Rosario School.

