

ANDREA BENAVIDES JARAMILLO

Computer Science Civil Engineer | Universidad de Chile

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PROFESSIONAL EXPERIENCE

BHP Chile, Cloud and Infrastructure Global | *bhp.com*

Cloud Engineer

Nov 2022 - Now

Deployment of Cloud infrastructure (Azure and AWS) for various internal projects using Infrastructure as Code (IaaS - Terraform) and GitLab pipelines (CI/CD), adhering to best practices and security standards. I am involved in designing, deploying, and transitioning infrastructure to operations. I work within a high-performance, global team, frequently interacting in English with teams in Australia and India to create synergy. Currently, I lead two offshore team members, collaborating on a global scale.

BHP Chile, Digital Factory MinAm | *bhp.com*

Full Stack Dev, DevOps practitioner

Jun 2021 - Nov 2022

Full Stack Developer and founder of the first "Missions" at Digital Factory Americas. Involved in two projects developing web applications dockerized as microservices, using ReactJS (FrontEnd), Flask/FastAPI (Backend), and databases in AWS. Implemented CI/CD with Azure DevOps. Led a Community of Practice to foster reusable code, development standards, and security for the Digital Factory.

Vantaz Group | *vantaz.com* |

Full Stack Developer y DevOps

Apr 2021 - Jun 2021

Universal Intelligence | *weareunit.ai*

Data Engineer - Full Stack Dev

Aug 2020 - Apr 2021

Software architect and developer of serverless applications on AWS for the projects Cosmos and Voyager. Cosmos focused on optimizing fuel usage in mining trucks, while Voyager was an application designed to monitor the evolution of diabetes patients in local health centers. Subcontracted at BHP as a Full Stack Developer later.

BotCenter | *botcenter.io*

FullStack Developer

Feb - Aug 2019

Custom chatbot development and integration of different technologies to enhance performance (ElasticSearch, AWS), and behavior of the service.

ALeRCE | *alerce.science*

FullStack Developer

Aug - Dec 2018

Frontend development and backend API connection, focusing on the usability and experience of the astronomical community for navigating astronomical data.

Allest | *allest.cl*

BackEnd Developer - Android

Sep - Nov 2018

NIC Chile | *nic.cl*

Developer and Tester

Dec 2017 - Jan 2018

LABORAL EXPERIENCE

Mar 2018 - Apr 2019 | Skyship Ltda.

Board Game Demonstrator

Jan 2018-19 | Innovation: Technology and Society

Teacher

Escuela de Verano, U. de Chile

Dec 2017-18 | Student Council DCC

Vicepresident

DCC, Universidad de Chile

Jan Jul 2017 | Development of Computational Thinking

Teacher's Support

Esc de verano Talleres de Invierno, U. de Chile

2013 | Night Council XII

Event Organizer

Engineering TTRPG Club (CRI)

EDUCATION

Computer Science Eng.

DCC, Universidad de Chile

Jul 2020

English | TOEFL ITP B2

2018

Certification | AWS Cloud Practitioner

Jan 2021

INTERESTS



Professional

Human-Computer Interaction (HCI) Design, User Interfaces and Experience (UI/UX), Data Visualization, Software Development and Design, Cloud Infrastructure, and DevSecOps mindset. And my platonic love: teaching in these areas.



Personal

Role-playing games (Level 6 Druid), sewing, drawing and painting, reading, social activities, and outdoor pursuits.

CONFERENCES

22nd HCI International

Copenhagen, Dinamarca

Jul 2020 - Presenter

Chile WIC - Women In Computing

Chile

Oct 2018-19-23

Latinity

Latinas in Computing, Costa Rica

Sept 2019

TOOLS



Programming:

CSS, Git, Java, SQL, Python, JavaScript, TypeScript



Frameworks and APIs:

Agile (SCRUM), Bootstrap, ElasticSearch, Docker, Django, Firebase, Tornado, React Native, Flask, Fast API, ReactJS, Vue.js, ReactNative



Cloud and DevOps:

AWS, Azure, Terraform, Azure DevOps (CI/CD), GitLab (CI/CD)