HEINICH PORRO

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EDUCATION

University of Chile
B.S. in Computer Science & Engineering   *December 2019*
Computer Science Engieneering   *Graduating on December 2020*
MSc Computer Science   *Graduating on December 2020*

LABORAL EXPERIENCE

Geophysics Department, University of Chile   Julio 2019 - Diciembre 2019
Software Eng./Part time dev. (Javascript)   *Santiago, Chile*

· As part of the course Software Project, mandatory for the students of Computer Science Engineering of the University of Chile, I was part of a team that developed a web platform to visualize natural disasters, focused in the visualization of earthquakes. The aim of the project was to make a tool to improve decision making in case of an emergency.

Synopsys Chile ltda.   January 2019 - February 2019
Full-time Intern   *Santiago, Chile*

· R&D Intern in CATS software in charge of fixing coverity issues and improving an in house gdb tool for debbuging of geometric algorithms.

Geomechanics laboratory, AMTC   September 2018 - December 2018
Part-time Intern   *Santiago, Chile*

· AMTC is the advanced mining technology center dependent of the University of Chile.
· In charge of design and implementation of 3D mesh algorithms (mesh slicing variants) applied to sublevel stoping mining planning in mineroc software.

ACTIVITIES

Teaching Assistant roles at University of Chile in the following courses:

· Computer Tools for Engineering and Sciences   Autumn 2017
· Introduction to Programming   Spring 2017
· Design and Programming Methodologies   Years 2018-2020
· Discrete Mathematics for Computer Science   Autumn 2019
· Computer Graphics, Visualization and Modeling for engineers   Autumn 2020
· Design and Analysis of Algorithms   Autumn 2020

Extension Director of Computer Science student council at University of Chile in 2019.

DISTINCTIONS

Outstanding student year 2019   *Computer Science Engineering, University Of Chile*