

# MSC COMPUTER SCIENCE STUDENT

## CIVIL MINING ENGINEER

---

### CONTACT

+44 7782138497  
nico.esgeb.2024@bristol.ac.uk

116 City road  
BS2 8UN  
Bristol

---

### LANGUAGES

- **Spanish:** Native
- **English:** C1 - IELTS: 8.0

---

### GENERAL INTEREST

- Programming: C, Java
- Drones
- Outdoor Sports:  
Camping, Hiking,  
Trekking
- Sports: Volleyball,  
Cycling, Bouldering.

I AM AN MSC COMPUTER SCIENCE STUDENT EAGER TO DEVELOP MY CAREER IN THE IT INDUSTRY.

### PROFILE

I have a degree in Civil Engineering with specialisation in Mining. I am passionate about my personal and professional improvement, always looking forward building and investing in my skill set. I was trained in project and mining design during my degree and taught in geophysical data processing and interpretation due to my work in that field. I am currently aiming for an IT-related career to become a part of the growing technology sector and a valuable member of a work team. I have a strong desire for learning in a dynamic and engaging atmosphere. My way of doing things; learn, understand, apply and create.

---

### PROFESSIONAL EXPERIENCE

#### Geophysical data Process Engineer/ GEODATOS, Chile. — 2021-2022

- Data processing for mining and water exploration projects.
- Conducted data processing for constructions sites.
- Prepared detailed reports and documentation for clients.
- Performed field work to collect and analyse data.

### TECHNICAL SKILLS

- Programming Language: C, Java.
- Proficient in using geophysical software applications for data processing, modelling, and interpretation.
- Skilled in photogrammetry software, including Agisoft Metashape, for 3D modelling and geospatial data analysis.
- Agile Methodologies (Scrum, Kanban)
- Drone pilot

---

### EDUCATION

**Pontifical Catholic University of Valparaiso — Civil Engineer in Mining - 2015 - 2021.**

**University College Dublin, English Language Academy — 2022 - Present**

General English Programme - 25 weeks / September 2022 - April 2023

General English Programme - 25 weeks / May 2022 - October 2023

General English Programme - 25 weeks / January 2024 - June 2024

#### IELTS Exam - 2022

Overall band score: 8.0 (Listening:8.5 ,Reading: 8.5, Writing: 6.5 ,Speaking: 8.0)

**University of Bristol, MSc Computer Science Conversion — 2024 - present**

- Developing programming experience.
- Studying key topics such as Java programming, C programming, Computer architecture and Software tools.

---

## PROJECTS

### 1. Portafolio:

1. Site: <https://earnest-bienenstitch-48a57a.netlify.app/>

### 2. Bonfire Particle Simulator:

1. Git: <https://github.com/NicoEsgeb/YourBonfire>

### 3. Steel Tongue Drum: Music Android App:

1. Git: <https://github.com/NicoEsgeb/STDrum>
2. Google Play Store: <https://play.google.com/store/apps/details?id=cl.nicompany.tonguedrum&hl=en-US>

---

## GENERAL SKILLS

Communication / Adaptability / Teamwork / Continuous Learning / Commitment

## TECHNICAL SKILLS

C / Java / JavaScript / SQL / Git

---

## EXTRACURRICULAR ACTIVITIES

### Member - San Ignacio de Loyola School Volleyball Club, Santiago City - 2009-2013

Active member with participation in City and Regional Tournaments.

### Member - Civil Engineer of Mining Volleyball Club, PUCV, Valparaiso City- 2015-2020

Active member with participation in Intra-University Competitions.

### Member - German School Volleyball Club of Valparaiso, Valparaiso City- 2016-2020

Active member with participation in club activities and official competitions.

### Drone Pilot - 2020-Present

### Member - University of Bristol Volleyball Club, M2, Bristol City- 2024

Active member with participation in club activities and official competitions.