

# ALEX COSTEA

SOFTWARE DEVELOPMENT  
&  
DATA ANALYSIS

## PROFILE

I am a graduate from the prestigious University of Amsterdam looking to combine my multifaceted skillset in an engaging workplace environment. I am trained in computer science and programming as well as sociological research and data analysis. I am looking to gain further experience in the professional world that can further enhance my interdisciplinary knowledge.

### ADDRESS

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### CONTACT

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### WEBPAGE

alcostar.net

## SKILLS

### PYTHON

ADVANCED

### KOTLIN

ADVANCED

### JAVA

ADVANCED

### C++

INTERMEDIATE

### C#

INTERMEDIATE

### SPSS

INTERMEDIATE

### STATISTICAL ANALYSIS

### SOCIOLOGICAL RESEARCH

### ENGLISH LANGUAGE

FLUENT

### ROMANIAN LANGUAGE

NATIVE

### WINDOWS/LINUX

## EDUCATION

*Bachelors Degree - **University of Amsterdam** | 2019 - 2022*

Major in sociology with a minor in European Politics. Bachelor's thesis in scraping and quantitative analysis of data using Python.

*Bacalaureat - **Colegiul National "I.L. Caragiale"** | 2013 - 2017*

Profile: Mathematics — Computer Science

Scores: Mathematics 8.45, Computer Science 9.25

*Training - **Cygnus Computer** | 2010 - 2016*

Initial training in C++ as to successfully compete in local and national computer science competitions, reaching the National Olympiad two times.

## WORK EXPERIENCE & PERSONAL PROJECTS

2020

### **Greatest Hits!** (Simulation)

2022

Simulation of music charts using a mathematical model. Written in Java.

2019

### **Promo** (Programming Language)

2020

Simple programming language including a complex compiler that can handle big numbers and process commands quickly. Written in Kotlin.

2019

### **Swipr** (Android App)

Video game for mobile devices inspired by Minesweeper. Written in Kotlin.

2018

### **CEREFREA Villa Noël**, București

*Internship*, Web crawling using Python and sociological analysis of data.

## SOCIALS

### GITHUB

github.com/Alex-Costea

### LINKEDIN

linkedin.com/in/alexcostea2520

### STACK OVERFLOW

stackoverflow.com/users/11037997