

# John Caulfield

Computer science graduate spending my time building the most comprehensive Guarani language resource app and looking to obtain a full time position in software development

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## EDUCATION

**University of California, Irvine** — *B.S. Computer Science*

DECEMBER 2019

## RELEVANT WORK EXPERIENCE

**Populistech** — *Cofounder of NGO*

FEBRUARY 2020 - CURRENT

Cofounded an organization aiming to grow community and accessibility through technology. When a friend in the Peace Corps noticed the lack of digital resources for indigenous languages, he looked to my technical skills to help fill this gap. We have completed the first iteration of our launch project as an organization - a dictionary android app for the Guarani language. We are working with the Paraguayan government and academic institutions to expand the app to this date.

## PROJECTS

**Guaraní Ayvu** — *Dictionary and learning resource app*

Sole software developer of the most comprehensive Guarani-Spanish-English digital dictionary to date. The beta version has over 500 installs on the Google Play Store, and the official launch is expected in early 2021.

**Populistech.org** — *Organization website*

Designed, developed, and launched the website for the Populistech organization to collaborate in official capacities with government institutions. Handle day-to-day issues and maintenance as the domain webmaster

## LANGUAGES

C, C++, Java, Python,  
JavaScript, HTML, CSS

## TECHNOLOGIES

RESTful APIs, SQL Databases,  
Android Apps

## SOFTWARE

Git, GitHub, Microsoft Office,  
Android Studio, Microsoft  
Visual Studio and Visual  
Studio Code

## SYSTEMS

Windows, Linux