

# CESARE DE CAL

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## EDUCATION

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**Master in Computer Science & Innovation**, KTH, Sweden Expected 2022  
**Bachelor in Computer Science**, University of Milano-Bicocca, Italy 2017 - 2020

## EMPLOYMENT

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**Major League Hacking, Software Engineering Fellow** Summer 2020

- Built frontend and backend for Python web summarizer that returns summary for a given URL or text.
- Wrote plugin system for open-source command-line tool 'howdoi' to support custom website search.

**Twitter, Software Engineering Intern** Summer 2019

- Built and shipped frontend and backend of 'who's typing' for Twitter live broadcasts with Objective-C.
- Monitored and optimized my designs with experiments on millions of users to increase user engagement.
- Co-organized internal 4-week course on building iOS apps in Swift attended by engineers across teams.

**Multiple Clients, Contract Software Engineer** February 2016 - 2018

- Built 10+ full-stack software engineering projects with Objective-C, JavaScript, and Python for clients.
- Billed 650+ work hours on the Upwork marketplace, collaborated with clients' engineers and designers.

## PROJECTS

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**Web Spotify Liked & Recently Played Tracks Widget ([cesare.io](https://cesare.io))**

- Integrated Spotify Web API to list and play my saved tracks on my personal site in a playful interface.

**iOS Real World Object Translator App ([github.com/csr/TravelAR](https://github.com/csr/TravelAR))**

- Built translator app with Swift, Google Cloud API, ARKit, and CoreML that supports 100+ languages.

**Full Stack Drinking Fountains App ([waternear.me](https://waternear.me))**

- Published web and iOS apps to search for drinking fountains nearby (4k+ downloads, Swift, Node.js).

**iOS Feed Blocker - Save Time & Focus ([apps.apple.com/us/app/id1526878250](https://apps.apple.com/us/app/id1526878250))**

- Shipped app that hides social media feeds with automatic sync with server and in-app purchases.

**iOS Check-in Travel App ([apps.apple.com/us/app/id1344282953](https://apps.apple.com/us/app/id1344282953))**

- Shipped app with Google Places, Yelp, and Firebase APIs integration to discover and save new places.

## AWARDS

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**Apple WorldWide Developers Conference Scholarships** 2015, 2016, 2018

- Invited by Apple out of thousands of applicants to attend their technical conferences in California.

**TEDx Speaker** 2016

- Gave 100k+ views talk on coding apps, getting out of the comfort zone, and pursuing your life's passion.

## SKILLS

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**Programming Languages** Swift, Objective-C, JavaScript, Python, Java, C++, C  
**Tools & Technologies** Xcode, git, Node.js, Firebase, PostgreSQL, S3, Bootstrap, Figma