

# JOHN ALBRIGHT

6611 N. Artesian Avenue, Chicago, IL 60645  
+1(312) 945-2457 • johnialbright@gmail.com • john-albright.github.io

## EDUCATION

**GENERAL PROGRAMMER CERTIFICATE** 2020-2021  
Relevant courses: Java Data Structures, C# Programming, Apps Programming for Apple Mobile Devices, Introduction to SQL, Web Page Development  
*Oakton Community College*

**TEACHING OF CHEMISTRY, B.S.** 2014-2015, 2018  
Minor: Math  
*University of Illinois at Chicago*

**MUSIC, B.A.** 2009-2013  
Minors: Chemistry, Computational Physics, Spanish  
*DePaul University*

## CERTIFICATION

**JavaScript Algorithms & Data Structures** 2021  
**Back End Development & APIs**  
*Free Code Camp*

**CS50 Introduction to Computer Science** (working on final project) 2020-present  
*Harvard University [MOOC]*

**Introducción a la programación en Java** 2021  
*Universidad Carlos III de Madrid [EdX]*

**Computational Thinking Using Python** 2021  
*Massachusetts Institute of Technology [EdX]*

**Learn to Program: The Fundamentals** 2020  
*University of Toronto [Coursera]*

## SKILLS

**Programming Languages:** Python, Java, C#, JavaScript, C, SQL (Oracle & SQLite), Swift (new), PL/SQL (new)

**Markup Languages:** HTML, CSS, SCSS, Markdown

**Frameworks & Libraries (all new):** Bootstrap, jQuery, Flask, React.js, Redux.js, Node.js (Express.js), Mongoose.js (with MongoDB Atlas), D3.js, Chai.js

**Software & Platforms:** Git, MS Visual Studio Code (default for all), MS Visual Studio (C#), Eclipse (Java), Xcode (Swift), Oracle SQL Developer, MS Office Suite (Access, Word, Excel, PowerPoint), Replit, CodePen.io

**Systems:** Macintosh OS X (daily use), Windows (for C# and Access), Linux (basic CLI/Terminal commands)

**Foreign Languages:**

Spanish: C1/Advanced (certified by May 2017 DELE)

Portuguese/Galician: B1/Intermediate

## SUMMARY

Actively seeking a software engineering role after a year of study: procedural programming (Sep-Dec 2020), OOP (Jan-Jun 2021), and web programming frameworks & libraries (Jul-Oct 2021).

Former teacher/tutor with 6 years of experience in Spain public schools (Lugo & Valencia), Chicago public schools, and tutoring centers in/near Chicago (C2 & Mathnasium) and in Chennai, India.

## PROJECTS

**Stocks - Investing Application:** Flask application that communicates with IEX Cloud's API and a local SQL database; integrates AJAX to dynamically generate list of stock symbols when typing; handles HTML injections

**Exercise Tracker:** Express.js API that works with MongoDB Atlas to post & get users and exercise logs  
10+ other projects on my GitHub user site

## PROFESSIONAL EXPERIENCE

**Northwestern University** 2020 (online)  
**Civic Education Project (CEP)** 2019 (Evanston, IL)  
*Teaching Assistant*

- Assisted the main instructor of a summer service learning course with classroom tasks
- Led activities on Zoom, recording calls, taking notes, and managing breakout rooms
- Kept student records using Schoology and served as a liaison between Center for Talent Development (CTD) and CEP staff

**Ministerio de Educación** 2019-2020  
**IES Andreu Alfaro** Paiporta, Valencia, Spain  
*English Teaching Assistant*

- Co-taught English to students aged 14-16 in a bilingual public school (Valencian/Spanish)
- Prepared activities focused on conversation, grammar, music lyrics, and US culture (holidays)
- Created English & US culture YouTube videos, writing subtitles in English (Mar-May 2020)

## INTERESTS

Music (latest iTunes purchases: Pop and R&B from Brazil or Spain), life abroad (lived in two bilingual regions of Spain), travel (most recent: road trip completely around Lake Michigan), linguistics (fascinated by etymology & phonetic processes like liaison/sandhi), language learning (heavy study: German & Japanese kanji, light study: Greek & Arabic)