

Daniel L. Bulgarelli

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Entrepreneurial student, who is excited about software development. Can assist in creating game-changing solutions for companies by utilizing strong skills acquired inside and outside the classroom. Experienced in development using Java, React, and JavaScript for the creation of interactive applications.

EDUCATION

Loyola University Chicago

Finance and Computer Science

Chicago, IL

Aug 2017 - May 2021

- Cumulative GPA: 3.8 | Computer Science GPA: 3.74
- Honors Business Program | Dean's List Spring 2018 – Fall 2020

Loyola Vietnam Center

Jan 2019 - May 2019

EXPERIENCE

Skills

- Strong JavaScript, HTML, CSS, and JSX, skills allowing for the creation of interactive web applications
- Hands on experience using React.js components, utilizing state and props to create event driven apps
- Strong skillset in Object Oriented Programming, specifically with Java, Python, and JavaScript
- Ability to build financial models, using Python, that analyze and implement trading strategies
- Worked with Bootstrap to implement third party libraries and create scalable web applications

Loyola University Chicago – Healing Earth

Chicago, IL

Web Development Intern

Mar 2020 – Present

- Setup custom LAMP server on Linux-based machine which supports WordPress functionality
- Executed a data transfer by configuring database API which reduced the project timeline by 3 weeks
- Designed and developed a multilingual, visually-appealing, e-textbook website using CSS and plugins

NASA Web Development Project

<https://dannybul.github.io/The-Nasa-Project/>

Responsive website that utilizes NASA's APIs

Aug 2020 – Dec 2020

- Implemented asynchronous API calls which provided a seamless user experience while awaiting data
- Dynamically created and displayed images in a responsive Pinterest-like grid providing a flexible and attractive way to view the API response

Android Development

Online Udemy Class

"Android O & Java – The Complete Android Development Bootcamp"

Sep 2019 – Feb 2020

- Programmed in Java and XML, and used external libraries to complete apps that play music, quiz users, show weather in current location, track price of bitcoin, and message other users
- Android skills include using layout editors, model view controllers, intents, interpret JSON data, data validation, and utilizing API's with HTTP requests

GiveTide LLC

Chicago, IL

User Experience Lead

Jul 2019 – Oct 2019

- Bridged the connection between engineers and founders by writing pseudo-code and creating wire frames of the app leading to decreased development time
- Conducted user interviews that revealed the cause of poor user conversion rates
- Implemented changes into how content was displayed, increasing the efficiency of the user decision process, resulting in more than 10% higher user conversions

EXTRACURRICULARS

- Wrote two patents, started an online distribution company, worked in Vietnam with venture capitalists, won multiple public speaking awards, volunteered to help the homeless in Chicago, basketball coach, and ran a marathon