STEVEN ARELLANO

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Portfolio: stevenarellano.me

EDUCATION

University of Chicago | BS in Computer Science and BA in Economics Spec. Business   Expected June 2024
- GPA: 3.63/4.0
- Relevant Coursework: Introduction to Database Systems, Introduction to Computer Systems

Loyola High School   June 2020
- GPA: 4.2/4.0
- *Honors: Outstanding Freshman, Outstanding Sophomore, Outstanding Junior, St. Michael's Book Award, Loyola Faculty Award, Scholar Athlete Award*

EXPERIENCE

University of Chicago | Chicago, IL   June 2021 - August 2021
Research Assistant
- Worked on a 3 man team in developing a Python machine learning library for public use
- Made C and C++ indexing/querying libraries callable from Python by developing a Cython API
- Debugged C libraries to be compatible with the Cython extension

Plasticity Project | Chicago, IL   March 2021 - May 2021
Software Developer Intern
- Implemented front end landing page using AngularJS and IonicUI components
- Built backend components to receive an image and compare it to images in a database
- Established https connections between the client and server for transferal of image data
- Developed the backend using Node.js and database using MongoDB

Harris School of Public Policy | Chicago, IL   January 2021 - March 2021
Software Developer Intern
- Modeled designs from Figma and implemented them into Hubspot CRM for school newsletters
- Developed 20 website and email designs using HTML, CSS, and Javascript
- Coded HTML and CSS modules for scalable use for future developers

PROJECTS

Ten Takeaways   January 2022
Personal Project
- Created a SSR 2-page web application using the Next.js framework which allows me to track books I've read
- Implemented ChakraUI components to create book list and responsive design
- Designed REST API requests to Node.js backend to fetch data from Postgresql database
- Developed Node.js server responsible for connecting to Postgresql pool and making requests

Carbon "Foodprint" Progressive Web App   December 2020
Francis & Rose Yuen East Asia Virtual Hackathon
- Created a three page front end using the AngularJS framework which allows users to track their carbon footprint
- Developed separate UIs for mobile and desktop applications using media queries written in SCSS
- Implemented Ionic components to create dynamic UIs that adjust to the users' devices
- Designed REST API requests to Node.js backend to fetch data from MongoDB database

SKILLS/INTEREST

Languages: (Proficient:) Javascript, SQL, C, Python, HTML & CSS (Familiar:) Typescript, Rust

Certifications: HK University of Science and Technology: Front-End Javascript Frameworks: Angular, UC Davis: SQL For Data Science