

# Diego Castro

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## EDUCATION

### Florida State University

*Bachelor of Science in Computer Science, GPA: 3.623/4.0*

Minor: Mathematics

Awards: President's List, Dean's List, Certificate of Outstanding Performance in CodePath, Top 5% ACM Coding Contest Award

Languages: English, French, Spanish

**Tallahassee, FL**

Expected: Spring 2021

## TECHNICAL SKILLS

**Proficient:** Python3, C#, C++, JavaScript, HTML, CSS, Git

**Familiar with:** Azure, Swift, C, SQL/SQLite, MongoDB, TypeScript, Unix, Java

**Frameworks:** Flask, Express/Node.js, Django, .NET

## WORK EXPERIENCE

### MAGNITUDE4U

**San Jose, CR**

*Software Developer Intern*

May 2018 – December 2018

- Developed an application used by a pool cleaning company client to notify pool's owners when their pool was serviced and create a report of pool details and photos automatically sent to the pool's owners
- Took a mobile application course in their proprietary mobile and web app development software

### ALCO-CR

**San Jose, CR**

*Cost Analysis Intern*

May 2018 – August 2018

- Managed, monitored, and recorded maintenance costs for construction machines
- Formulated data visualization to help facilitate decision making by presenting complex data in a focused manner using Python
- Presented data and visuals to upper management and provided insights to lower yearly acquisition costs by 16%
- Helped migrate data from the company's database to a new inventory system

## INDUSTRY INVOLVEMENT

### CodePath

**Remote**

*Tech Fellow*

August 2020 – December 2020

- Selected to participate in a selective, prestigious 13-week training program in iOS development and collaborated with a team in building a personalized running iOS application presented to top tech leaders in the industry
- Developed a tip calculator application, a movie summaries and review app, and mockups of the Twitter, Instagram, and Yelp

### Association for Computer Machinery (ACM) Coding Contest

**Tallahassee, FL**

*Participant*

December 2020

- Participated in an upper-level coding competition where my team placed 15<sup>th</sup> out of over 250 teams by developing solutions to challenging coding questions using C++ and Python

## PROJECTS

### CoinToXyo

- Built a website that tracks the exchange rate from COIN to XYO cryptocurrencies using Flask, HTML, and CSS
- Built my own Data Encryption Standard algorithm to store and verify the user's email and store data using an SQLite database
- Added an automated email system hosted by PythonAnywhere that notifies around 50 – 150 users daily whenever their user-specified exchange rate is reached. Users may register, modify, or cancel their email website subscription

### CodePath RunnR

- Helped build a running iOS app that tracked the user's speed and location, has user auth, and a global running feed using Swift

### Stock Market Analysis

- Developed a functional application to get data graphs and news about companies listed in the stock market in an effort to simplify the process of helping investors choose what will be their best investment option

## LEADERSHIP

### Chess Club

**Tallahassee, FL**

*Vice-President*

January 2020 – Present

- Represented FSU as one of the top 4 players in the 2020 and 2021 Collegiate Chess League; planned friendly games with other universities and helped organize and prepare our members for the 2021 Collegiate Chess League since 2018

### TechNole

**Tallahassee, FL**

*Treasurer*

May 2019 – May 2020

- Recorded the organization's financial transactions, organized fundraisers, and presented budgets for annual planned events
- Organized workshops to help students of all backgrounds enhance and expand their computer science skills and confidence