

Jasmine Castro

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EDUCATION

University of Chicago at Illinois, Chicago, IL

Expected Graduation: May 2024

Bachelor of Science, Major in Computer Science, 3.36 GPA

Relevant Coursework: Data Structures, Software Design, Program Design I & II, Programming Practicum, Machine Organization, Languages and Automata, Computer Design, Systems Programming, Programming Language Concepts, Tech in Residence

Honors/Awards/Scholarships: Greer Scholar Recipient 2020-2024

SKILLS

Programming Languages: C++, Python, Java, SQL, C

Technologies: Jira, Git Bash, Valgrind, Google Unit Test, Arduino, Figma, Windows API, Pandas, BeautifulSoup, Eclipse, Visual Studio, Linux, Docker

RELEVANT EXPERIENCE

Medtronic | Boston, MA

June – August 2023

Software Engineer Intern

- Implemented dynamic switching of 3D display monitor on surgical robot using C++ reducing manufacturing time by one week
- Proficiently deployed code to Surgeon Console using Git and Linux, verifying implementation of software
- Conducted troubleshooting on Surgeon Console to ensure code functionality given any technical difficulties
- Shadowed and engaged with multiple Software Engineers

Peak6 Investment Firm | Chicago, IL | Python

May 2021

Software Engineer Intern

- Used BeautifulSoup to extract trading halt data from NASDAQ website and applied it to a grid using Pandas
- Ingested the information from NASDAQ website to Atlas tool that notifies trading halts that are occurring using Python
- Collaborated and communicated with peers to get feedback on code using GitHub

PROJECTS

Personality Test | *Language: C++* | University of Illinois at Chicago

September 2021

- Created using maps that holds the OCEAN score of users based on response to questions
- Normalized data from map that would help decipher similarity between user and character
- Used Valgrind to find potential memory leaks

Misspelled Word Checker | *Language: Python*

January 2022

- Built a script to highlight any misspelled words in Excel sheet using autocorrect library
- Used Pandas to export the new data of highlighted misspelled words to Excel sheet
- Tested script on excel sheets with substantial amount of data

Public Chat Box | *Language: Java* | University of Illinois at Chicago

November 2022

- Made use of server and client connection to create a space where users can chat publicly between each other
- Developed a UI side of chat room using JavaFX
- Collaborated with peer using effective communication skills throughout project

Professional Affiliations

Society of Hispanic Professional Engineer Mentor | University of Illinois at Chicago

- Engaged in personalized, one-on-one sessions offering guidance on academic pursuit in Computer Science
- Actively network with peers and professionals in workshops discussing school success and career development