Inti Espejo Guillen

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EDUCATION

Virginia Tech   **Blacksburg, VA**
Bachelor's of Science in Computer Science   Expected May 2023
- **Relevant Coursework:** Data Structures & Algorithms, Human Computer Interaction, Computer Organization, Software Design & Engineering, Data Analytics & Visualization

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C, C++, Kotlin, SQL, HTML, CSS
Frameworks: React, Express, Angular, JUnit, pytest
Technologies: Git, Node.js, Jira, Jenkins, Maven, Linux, Figma, Eclipse, VSCode, Jupyter Notebook
Libraries: Pandas, NumPy, Matplotlib, Sklearn, Seaborn, Jsoup

EXPERIENCE

Software Developer Intern   **Nov 2022 - Present**
Maximus   *Blacksburg, Virginia*
- Designed and implemented features for web applications using Angular, Node.js, and Spring framework, resulting in a more efficient and user-friendly interface
- Integrated the Spring framework to manage the application's data and handle API requests
- Utilized version control systems such as Git to track and collaborate on code changes

Software Engineer Intern   **Jun 2022 - Aug 2022**
Raytheon Technologies   *Fulton, Maryland*
- Worked on a team to develop features for a command and control application using Java
- Increased overall coverage of features on average of 60% through unit tests using JUnit
- Participated in code reviews using Crucible to ensure code quality and maintainability
- Practiced agile methods by engaging in daily scrums to ensure deliverables were completed in a timely manner

PROJECTS

Home Mortgage Calculator | *Kotlin, Java*   **Aug 2022 - Sep 2022**
- Created wireframes and a prototype using Figma to design the app's interface and functionality
- Utilized the MVC design pattern to separate the app's logic, user interface, and data models
- Implemented features such as data input for mortgage loan information, calculation of monthly payments, and display of amortization schedule

Personal Website | *JavaScript, HTML, and CSS*   **Jun 2022 - Aug 2022**
- Used JavaScript, HTML and CSS to create my personal website
  https://intiespejo.com/

Effect of COVID 19 on Stock Market | *Python*   **Mar 2022 - May 2022**
- Conducted a project to analyze the correlation between the stock market and COVID-19 using data visualization tools and libraries such as numpy, matplotlib, and pandas
- Scraped stock market and COVID-19 data from various sources using web scraping techniques
- Analyzed and cleaned the data using numpy and pandas to prepare it for visualization
- Created a report following the QAC (Question-Analysis-Conclusion) format in Jupyter Notebook to present the findings of the analysis