Jessica Wu

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Laytonsville, Maryland

EDUCATION

University of Maryland · B.S. in Computer Science   **Expected Dec 2023**

- GPA: 3.882
- University Honors Program
- Minor: Statistics, Business Analytics
- Relevant Coursework: Object Oriented Programming I/II, Introduction to Linear Algebra, Discrete Structures, Databases for All, Introduction to Computer Systems, Applied Probability and Statistics I/II, Algorithms, Organization of Programming Languages, Introduction to Statistical Computing with SAS, Introduction to Data Science, Advanced Data Structures, Database Systems

WORK EXPERIENCE

Motorola Solutions · Pre-Sales System Engineer Intern   **May 2022 – Aug 2022**

- Developed internal tools in JavaScript to automate and simplify daily tasks by 75% using Google Scripts: simplified creating formula-free excel files; instantly create master sheets; generate professional emails to send based on a questionnaire
- Collected each Nitro project's data to create a master sheet for all current projects; analyzed various trends based on each project's characteristics; created a report of trends, charts, and pivot tables based on the data
- Designed and quoted radio frequency systems while working with channel partners
- Provide support to channel partners by processing orders and assisting the transition from pre-sale to post-sale
- Expanded relationships and discussed with customers to identify their needs and resolve issues

Leidos · Security Engineer Intern   **Feb 2022 – May 2022**

- Learned about basic hardware Security Functional Requirements for products
- Tested and physically tampered with evidence for critical criteria

University of Maryland · Undergraduate Math Tutor   **Jan 2022 – Present**

- Enhanced college student's academics and learning in college algebra, pre-calculus, trigonometry, and elementary statistics and probability

University of Maryland · Community Assistant   **Aug 2021 – Present**

- Assistant at front desks in community center
- Quick thinking and adaptable responses to important situations regarding COVID-19 and quarantine housing

Exerceo Student Program · Intern   **Feb 2021 – May 2021**

- Created, inserted, and modified an inventory with objects using MongoDB and Spring Framework's Data Driver
- Implemented restful controllers to modify the inventory using Java and Javascript on a Linux operating system

PROJECTS

PyTracker · GitHub   **Jul 2021 – Present**

- Front-End coder working in HTML and CSS to set up and design the general layout of the website; renovations to come
- Some work on back-end coding to help set up functions that will be done with the data entered by the user

ACTIVITIES

Taiwanese American Student Association · Junior Officer   **Sept 2020 – May 2021**

- Helped plan and lead general body meetings; volunteer in events; promote events for TASA

Urbana High School · Varsity Tennis Captain   **Mar 2017 – May 2020**

- Led a team of 22 players in training practices, workout exercises, and team bonding activities
- Remained undefeated 2017-2020; competed as part of the All County First Team 2017-2019

SKILLS

Technical Skills	Java, C, SQL, HTML/CSS, MIPS Assembly, R, JavaScript, Python, LaTeX, MATLAB, SAS
Non-Technical Skills	Google Scripts, Microsoft Office, JUnit, Unix/Linux, Git, Jupyter Notebook, Google Colab, Docker