

Jason Win

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Experience:

Quality Engineer Intern, ServiceNow

06/2022 - 9/2022

- Worked on ServiceNow's platform team to ensure the performance and usability of one of the platform's core features
- Worked with developers to run manual test cases and develop automated test cases utilizing testing frameworks
- Collaborated on a team of interns to develop a portal experience for employees to utilize to communicate and collaborate

Software Engineer Intern, San Diego Supercomputer Center

04/2020 - 12/2020

- Refine and test research-focused web tools that utilize JavaScript & HTML/CSS in order to ensure that the highest quality research data services are provided to SDSC's clients, serving researchers at many different institutions around the world.
 - Wrote documentation for 3+ projects/guides using Confluence to improve product understanding and help guide future developers.
 - Collaborated on a team to develop an application over the span of 10 weeks using agile methodologies and development practices that was presented to our team of 30+ developers.
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Education:

University of California San Diego

GPA: 3.7

- Bachelor of Science, Computer Science
 - Coursework: Advanced Data Structures, Design and Analysis of Algorithms, Computer Organization & Systems, Software Engineering
- Expected Graduation: March 2023
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Projects:

APATE: SDSC Summer Development Internship Project

06/2020-10/2020

- Pioneered a Google Chrome extension with a team of 6 developers that detects inaccurate information in news articles on the web.
- Developed the front end user interface and design utilizing React.js.
- Achieved 95%+ accuracy logistic regression model through training and testing using scikit-learn and TfidfVectorizer, while optimizing data cleaning runtime to process 35,000+ lines of data through Python pandas library.
- Utilizes a sequential machine learning model, dense neural networks, statistical analysis, and databases utilizing Flask, Python, Firebase, & Heroku.

File Compressor:

12/2020

- Implemented a program in C++ utilizing trees, priority queues, and vectors that implements the Huffman algorithm to compress and uncompress files, optimizing storage space.
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Skills:

- **Languages:** Java, C, C++, JavaScript, Python, HTML/CSS
 - **Tools & Technologies:** React, VIM, GVIM, Git, Unix, Bash, GDB, Valgrind, VSCode
 - **Industry Knowledge:** Data Structures, Algorithms, Object-Oriented Design & Programming, Agile Methodologies, Data Science
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Awards:

Provost Honors - UC San Diego
UC San Diego Chancellor's Scholarship
UC San Diego Idea Scholar

06/2019
08/2019-Present
08/2019-Present