

# Qian Wang

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## Education

**University of Richmond, Richmond, VA**

**August 2018 – May 2022**

Bachelor of Arts in Computer Science

Current GPA: 3.6

Relevant coursework: Software Systems and Development, Natural Language Processing, Computer Organization

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## Work Experience

**ReadySignOn - Intern**

**Summer 2021**

- Developed an understanding of OAuth and OpenID Connect and how they facilitate modern web experiences by simplifying authorization and authentication processes.
- Produced various assets used to visually demonstrate ReadySignOn's capabilities and its advantages compared to traditional third-party identity providers and login systems

**Science Museum of Virginia - Volunteer Exhibit Interpreter**

**2016 - 2018**

- Interacted with and informed museum visitors on various exhibits and galleries of the museum
- Directed user experiences and addressed or resolved their questions and problems regarding the exhibits

**VMFA - Information Technology Department Intern**

**Summer 2017**

- Maintained and expanded VMFA network infrastructure while supporting other team members and museum staff members with network and computer related requests
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## CS Experience

**Computer Organization Course**

**Spring 2021**

- Wrote an assembler in C++ to convert Assembly into binary MIPS encoded instructions
- Designed a processor using Logisim to interpret and execute binary MIPS code

**SPAGBOTS**

**Fall 2020**

- Utilized NLP and machine learning via Naïve Bayes classifiers to determine correlation between a company's tweet sentiment and their stock price movement with Granger causality tests

**Apps4VA – Lead Designer**

**Spring 2016**

- Directed design for a Virginia Department of Education partnered program which leveraged web-based data visualization techniques to highlight discrepancies in education regarding the disabled community as a non-profit project
  - Utilized SCRUM method of project management with thorough documentation while performing quality assurance and dealing with clients
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## Skills & Interests

Adobe Creative Suite  
IT Project Management  
Microsoft Office Suite  
Unix

Java/Python/C++/JavaScript  
HTML/CSS  
NOCTI Web Design Certification  
Git