Armaan Sood

armaansood.com
linkedin.com/in/armaansood
armaan1@cs.uw.edu

EDUCATION

UNIVERSITY OF WASHINGTON
BS in Computer Science + Statistics (Double Major)
Minor in Mathematics
Direct Admit to Computer Science
Annual Dean's List (All Quarters)
Data Science Option
Cum. GPA: 3.91; 132 credits

Nikola Tesla STEM High School
Biomedical Engineering pathway
AP Scholar with Distinction
National Honors Society
Cum. GPA: 3.97

COURSEWORK

PRE-SUMMER 2018
Compiler Construction
Systems Programming
Database Systems Internals
Functional Programming
Data Structures + Parallelism
Unix Tools and Scripting
Hardware/Software Interface
Software Design + Implementation
(Teaching Assistant)
Data Management
Foundations of Computer Series
Real Analysis Series
Linear Analysis Series

SKILLS

SOFTWARE
Advanced
Java • SQL Server
Intermediate
R • Azure • Python
Git • Linux • HTML
Familiar
Ruby • JavaScript

Willing to learn any necessary technologies and languages

EXPERIENCE

TEACHING ASSISTANT | Software Design & Implementation (331)
Spring 2017 - Summer 2017 | Head Grader
- Teaching a section of 15-20 students
- Answering course-related question on Piazza
- Grading theory-based code reasoning and project-based assignments
- Holding office hours for homework help and course question
- Designing rubrics, midterms, and final exam questions

ASSOCIATION FOR COMPUTER MACHINERY | Executive Officer
Every Quarter
- Planning CSE events, such as interview prep, movie nights, barbecues, orientation
- Coordinating affiliate sponsored events such as resume reviews, office hours

CSE OUTREACH | Ambassador
Every Quarter
- Working in CSE events such as the Open House, Weekly Info Sessions, Weekly Tours, UW Admitted Students Previews, Engineering Discovery Days, and CSE Workshops
- Developing activities to teach foundational programming concepts to K-12 students
- Leading tours of the Paul G. Allen Center for Computer Science & Engineering

CONCUR | High-School Intern
Winter 2014-2015
- Developed an Android location-based application as a team using Java to present to Concur executives
- First place in Concur's app development challenge

CITY OF SAMMAMISH PARKS & RECREATION | Web Developer
Autumn 2015
- Used HTML, CSS, JavaScript, and Adobe Dreamweaver for the Geoplateau project (teaches about local parks and DIY conservation projects)
- Part of the Lexus Eco Challenge 2016

TECHVENTURE KIDS | Instructor
Autumn 2013 - Summer 2016
- Taught K-12 students basic programming and computer science principles in after-school clubs and summer camp programs
- Volunteered for the first year

RESEARCH

TASKAR CENTER FOR ACCESSIBLE TECHNOLOGY | Research Assistant
Autumn 2016 - Winter 2017
- Worked with Dr. Anat Caspi and Nick Bolton to develop AccessMaps, a crowd-sourced tool relating to accessibility navigation
- Part of STEM Education Platform Team to creating a tutorial module for the OpenSidewalks project in Unity