armaan1@cs.uw.edu (425) 505-7181

ARMAAN SOOD

armaansood.com linkedin.com/in/armaansood

EDUCATION

Seattle, WA

University of Washington

Fall 2016 - Spring 2019

3.91 GPA (Dean's List)

- · B.S. in Computer Science (direct admission) and Statistics (double major) with Minor in Mathematics
- Current Courses: Data Structures and Parallelism; Foundations of Computing II
- **Pre-Summer Planned Courses**: Database Systems Internals; Theory of Computation; Systems Programming; Compiler Construction
- · Past Coursework: Database Management; Software Design and Implementation; Programming Languages

EXPERIENCE

Executive Officer

Association for Computing Machinery

September 2016 – Present

- · Planning CSE events, such as interview prep, movie nights, orientation, Fall Fest, Winter Ball, Spring BBQ
- · Coordinating and advertising industrial affiliate sponsored events such as recruiting dinners and office hours

Lead Web Developer UW Statistics and Probability Association October 2017 – Present

- Revamping outdated website from the bottom-up using HTML, CSS (Materialize), JavaScript
- · Working with design and marketing team to create a user-friendly information page

Teaching Assistant

University of Washington

March 2017 - August 2017

- Head Grader for Software Design and Implementation (CSE 331)
- Taught a section of 20-25 students and answered content-related on forums
- Graded theory-based code reasoning and project-based assignments
- · Held office hours for homework help and course questions
- · Designed rubrics, midterms, and final exam questions

Allen School Ambassador

Paul G. Allen School of CSE

Fall 2016 - Present

- Representing Allen School in K-12 outreach and recruitment efforts
- · Working as a team to develop, test, and refine computer science-related activities and workshops for K-12
- Developing a web tool for availability and tour registration
- Coordinating and managing activities and volunteers for outreach events such as Engineering Discovery Days, Computing Open House, Admitted Student Previews, and Weekly Info Sessions, and tours

Web Developer

City of Sammamish

Fall 2015

• Used HTML, CSS, JavaScript, and Adobe Dreamweaver for the Parks and Recreation Department's Geoplateau project, a platform for people to learn about local parks and DIY conservation projects

High-School Intern Concur Fall 2014

- Developed a GIS-based app using Android Studio as a team using Java to present to Concur executives
- First place in Concur's app development challenge

Programming Instructor

TechVenture Kids

Fall 2013 - Summer 2016

 Taught K-12 students programming through Scratch and Visual JavaScript in after-school clubs and summer camp programs

RESEARCH EXPERIENCE

Undergraduate Assistant

Taskar Center for Accessible Technology

Fall 2016 - Winter 2017

- Worked with Dr. Anat Caspi and Nick Bolton to develop AccessMaps, a crowd-sourced tool relating to accessibility navigation
- Developed a tutorial module for the OpenSidewalks Project in Unity with the STEM Education Platform Team

LANGUAGES AND TECHNOLOGIES

Advanced

Intermediate

Familiar

Java; SQL Server; LaTeX

R; Python; Git; Linux; HTML

Ruby; JavaScript; Azure