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

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 questions on forums
- Graded theory-based code reasoning and project-based assignments
- Held office hours for homework help and course 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 with Scratch and Visual JavaScript in after-school and summer-camp programs

PROJECTS

- **Spam Filter** (October 2017): Implemented a Naïve Bayes Classifier with Python that trains using a subset of the Enron Corpus as pre-labeled data and predicts the classification of unseen emails.
- **CalcuSpeak** (DubHacks 2017): Created a mathematics tool for the visually impaired with Python, JavaScript, Bing Speech API, Wolfram Alpha Full Results API, and Google Cloud Speech API.

RESEARCH EXPERIENCE

Undergraduate Assistant **Taskar Center for Accessible Technology**

- 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