# 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 admit) 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

Fall 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 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