

# SORAYA MOSS

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EDUCATION: **Bachelor of Science in Computer Science**, *School of Engineering and Applied Sciences* **May 2020**  
Minor in Anthropology; Global Health and Environment Concentration  
Washington University, *St. Louis, MO*

**Major GPA:** 3.88/4.0 **Overall GPA:** 3.76/4.0

## Coursework:

- Data Structures and Algorithms, Web Development, Logic and Discrete Mathematics, Rapid Prototype Development and Creative Programming, Internet of Things, Probability and Statistics for Engineering

## Projects:

- Developed garage door opener remote control with web app interactive interface using Particle's Photon, C++/Javascript
- Designed versions of classic video games including Pong and Gorillas, Java
- Engineered stage lights to sync with corresponding music using Arduino microcontroller for use in Bollywood dance competition, C++

TECHNICAL: **Web Development:** HTML, CSS, Node.js, JQuery, AJAX, JSON  
**Languages:** JavaScript, Java, C++, PHP, SQL, Python, Bash  
**Development Tools:** Amazon Web Services, Linux, Atom, Eclipse, code review and collaboration tools  
**Business Tools:** Microsoft Excel, Microsoft PowerPoint, Microsoft Word

EXPERIENCE: **Computer Science Teaching Assistant**, Washington University, *St. Louis, MO* **August 2017 - Present**  
Assist with the instruction and grading of Computer Science I assignments in Java, explained OOP concepts, debugged student code, facilitated weekly collaborative studios

**Office Assistant**, University of Maryland Medical Center, Gastroenterology, *Bel Air, MD* **Summer 2016**  
Shadowed Dr. Unni Moorkath; Managed the reorganization of office records

**Residential Assistant**, Johns Hopkins Center for Talented Youth, *Carlisle, MD* **Summer 2017**  
Supervised residential experience of academic camp, facilitated discussions of ethics and political theory

LEADERSHIP: **Leaders in Interpersonal Violence Education**, *Facilitator* **September 2016- September 2017**  
Facilitate group conversations on sexual harassment, stalking, masculinity, & interpersonal violence at W  
**WashU Chaahat Bollywood Fusion Dance Team**, *Captain and Choreographer* **April 2017-Present**  
Direct and coordinate overall team logistics in intercollegiate dance circuit; Choreograph performances  
**Student Tour Leaders**, *Tour Guide* **January 2017-Present**  
Lead tours at Washington University in St. Louis  
**Washington University Student Associate**, *Peer Mentor* **April 2017-Present**  
Mentor first-year students; Facilitate critical discussions, Aid the fostering of first-year floor community  
**Civic Leadership institute in Baltimore City**, *Volunteer* **May 2016- June 2016**  
Collaborated with the Julie Community Center youth summer program, Franciscan Center homeless shelter, BUILD, and the Barclay School of Greater Homewood to achieve community transformation in Baltimore

INTERESTS: **Languages:** Spanish (*basic*)  
**Extracurricular:** Bharata Natyam Classical Indian Dance  
**Interests:** Global Health, Integrating Computer Science and Epidemiology, Drawing and Painting  
**Other:** *WashU Classical, Kappa Kappa Gamma*