

# Andrea Benavides Aguirre

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[abenavidesaguirre.github.io](https://abenavidesaguirre.github.io)

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## SKILLS

**Programming Languages:** Java, C, C++, HTML5, CSS3, JavaScript, Processing, MIPS Assembly

**Tools & Platforms:** Git, SQL, Microsoft Azure, Jira, Microsoft Office

**Languages:** English (Native), Spanish (Native), French (Limited Proficiency)

## EDUCATION

### Bachelor of Science in Software Engineering

University of Calgary – (Sept 2019 – May 2023)

- Diversity Champions in Engineering Scholarship
- Microsoft Azure AI Fundamentals Certified
- Currently working towards the Certificate in Engineering Entrepreneurship
- Seeking a 12-16 month internship beginning in May 2022

## EXPERIENCE

### Learn To Be – Student Application Coordinator & Volunteer Application Coordinator

August 2020 – Present

- Collaborated side-by-side with a volunteer team to onboard more than 7000 new tutors and 5000 new students since September 2020 resulting in a 262% increase in *Learn To Be*'s number of collective tutoring hours per month
- Recruited, led, and trained a team of 5 new volunteer application reviewers resulting in 617% more applications being reviewed per month since February 2021
- Engineered an efficient multi-user application review system and environment for simultaneous application processing
- Compiled weekly statistics reports detailing application statuses and overall progress
- Communicated continuously with *Learn To Be* chairmen, volunteer reviewers, tutors, families, partner organizations and chapter leaders
- Vetted new student and tutor applications thoroughly to assess whether a candidate would be a good fit for *Learn To Be*'s Mission, conducted background checks, and verified candidate information

### Association for the Advancement of Science & Engineering Education – Program

#### Preparation Team Lead & Office Administrator

February 2020 – Present

- Oversaw and led the team involved with the preparation of materials for educational programs delivered to rural schools and minority groups allowing for outreach to 131 students in 2020
- Organized and managed an engineering information workshop for 43 high school students with 47.8% of the participants being considered a minority group in STEM
- Orchestrated and coordinated monthly team meetings between 10+ volunteers, documented meeting minutes, and distributed important information and administrative details among organization members
- Compiled 10 years of program statistics to create visual representations of the organization's impact
- Developed eye-catching graphics for the social media team

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## PROJECTS

### **ESoftTools Website** – HTML5, CSS3, JavaScript, Bootstrap

*May 2021 – Present*

- Developing a responsive multi-page website designed to host a variety of electrical engineering software tools and calculators
- Designing an intuitive and user-friendly website structure
- Styling an attractive company logo

### **Personal Portfolio** – HTML5, CSS3, JavaScript, Bootstrap

*May 2021 – September 2021*

- Created a personal website intended to showcase my projects and be a digital representation of myself which the user can interact with
- Highlighted key personal skills, involvement, and projects

### **Office Furniture Database Management System** – Java, MySQL

*March 2021 – May 2021*

- Collaborated with a software design team to create a database management system destined to upcycle non-functional office furniture into serviceable low-cost furniture items
- Established an efficient Java application capable of receiving customer furniture requests and executing the order as the lowest-cost solution based on available furniture parts in the SQL database inventory
- Generated a printed invoice for the customer following a successful order fulfillment