

# Andi Motas

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## EDUCATION

### **B.S. Computer Science** ♦ George Mason University - Fairfax, VA

August 2018 – Expected December 2021

Major GPA: 4.0 | GPA: 3.74

- Minor in Art and Visual Technology, Honors College Student
- Relevant Coursework: Essentials of Computer Science, Object-Oriented Programming, Intro to Low-level Programming, Data Structures, Computer Systems and Programming, Formal Methods and Models, Operating Systems

### **Advanced Studies Diploma** ♦ Freedom High School - South Riding, VA

August 2014 – June 2018

GPA: 4.38

- AP Scholar with Honor; Programming Club Secretary; Tri-M Honor Society Secretary and Vice President; Artist Orchestra Cello Section Leader; Marching Band Bass Drum Captain; Competed at UVA, VCU, and VT's Association for Computing Machinery contests

## EXPERIENCE

### **Undergraduate Teaching Assistant** ♦ George Mason University - Fairfax, VA

January 2019 – Present

- Assist in the administration of lab sections and proctor for exams for CS 211 (Object-Oriented Programming) and CS 262 (Intro to Low-Level Programming)
- Provide guidance for students to better understand techniques and concepts taught in class and to resolve issues with their work through online and in-person communication
- Responsible for handling project submissions and developing reference solutions to projects, and providing constructive input on tentative assignments

### **Sales Associate and Instrument Repair Assistant** ♦ Day Violins LLC - Chantilly, VA

August 2017 – August 2019

- Provided customer service for instrument rentals and expertise in music and store products
- Conducted maintenance and performed various repairs and set-ups on instruments
- Presented informational demonstrations to students, teachers, and parents at schools

## PROJECTS

### **Calculating Success Scores** ♦ PatriotHacks 2018, *Best Use of Data Analytics*

- Implemented data analytics techniques to calculate the probability of career success given a large data set of responses to a survey consisting of hundreds of questions
- Utilized Python and the pandas library to manipulate data from Excel and produce results
- Worked in a team of four students and presented to judges after about 30 hours of work

## SKILLS

- **Languages:** Java, C, HTML, CSS, C#, Python, Assembly x86-64
- **Technologies:** IntelliJ, Vim, Unix, Git, Unity, Visual Studio, Adobe Photoshop, Excel

## SERVICE

- **Loudoun Literacy Council** ♦ Teach the Adult Intermediate ESL classes at Brambleton Library
- **GMU Catholic Campus Ministry** ♦ Cellist for Masses at St. Robert Bellarmine Chapel
- **Rise Against Hunger** ♦ 1,000+ meals packaged per month sent to impoverished countries
- **Dulles South Food Pantry** ♦ Organize and distribute food and goods to families in need