

**Permanent Address:**  
25614 Dabner Dr.  
South Riding VA 20152

# Ryan Shuman

(703) 994-7992  
shumanrs@dukes.jmu.edu

**School Address:**  
346 Arrowwood Drive,  
Harrisonburg VA 22801

## EDUCATION

---

**James Madison University**  
Bachelor of Science in Quantitative Finance, Statistics,  
Mathematics, and Economics

**Harrisonburg, VA**  
*Expected Graduation: May 2022*  
**GPA: 3.61**

**George Mason Korean Language and Culture Program**  
*Study Abroad – Sejong University*

**Seoul, South Korea**  
*June 2019 – July 2019*

## RELEVANT EXPERIENCE

---

**Freddie Mac**  
*CRT and Cash Window Intern*  
*Single-Family Business Intelligence Intern*  
*Shadow Program*

**Mclean, VA**  
*May 2021 – August 2021*  
*June 2020 – August 2020*  
*August 2019*

- Issue a \$56.5 billion deal for Credit Risk Transfer (CRT) as part of the Structured Agency Credit Risk (STACR) program to lessen the credit risk exposure of Freddie Mac
- Sort and analyze Deferment Payment Plan (DPP) Loan data using SQL to determine key statistics and themes among delinquent loans and the effectiveness of DPP
- Work with Python and Alteryx to create a job flow that allowed the code to be published in MicroStrategy cube for use in MicroStrategy dashboards and reports
- Discuss how uMBS are used as a foundation in Collateralized Mortgage Obligations (CMOs) to provide greater liquidity and tailored financial products that meet investor demands

**The Madison Investment Fund**  
*President*  
*Financial Sector Portfolio Manager*  
*Technology Sector Analyst and Associate Portfolio Manager*

**Harrisonburg, VA**  
*April 2021– Current*  
*April 2020 – April 2021*  
*November 2018 – April 2020*

- Serve as the president of a student-led investment fund responsible for actively managing a portion of the James Madison University Foundation endowment
- Lead a group of three analysts focusing on the relative value of potential investments, assessing regulatory impacts on the financial industry, and managing portfolio holdings
- Pitch a buy recommendation for Applied Materials as an analyst using a relative valuation method that considered their core business operations and growth opportunities within the semiconductor space
- Arrange and facilitated multiple educational presentations that focused on weekly market updates and past financial crises to better educate the fund on these topics
- Place first in the Core Portfolio competition at Quinnipiac University's international asset management forum with 8% excess returns to our benchmark and a 0.84 investment portfolio beta

## VOLUNTEER EXPERIENCE/LEADERSHIP

---

**Statistics Department Research Assistant**  
*Research Assistant*

**Harrisonburg, VA**  
*April 2019 – Current*

- Receive the Jeffrey E. Tickle scholarship from the Department of Mathematics and Statistics
- Conduct statistical research on creating an accurate estimate on the standard error of Cox PH Model

## SKILLS, ACTIVITIES & INTERESTS

---

**Skills & Training:** Intermediate Excel, Wall Street Prep, Bloomberg Market Concepts, Nintex Forms, Basic Python, Intermediate R, Basic SQL

**Activities:** Phi Beta Kappa, JMU Club Water Polo, Vice President of Beta Gamma Sigma, Quinnipiac University G.A.M.E Forum, Madison Business Review Writer, Pi Mu Epsilon