

## EDUCATION

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Virginia Tech, Blacksburg, VA Expected May 2021  
**Ph.D: Business Information Technology**  
Advisor: Paul Benjamin Lowry  
**M.A: Data Analysis and Applied Statistics**

Liberty University, Lynchburg, VA May 2018  
**M.A: Leadership**

Virginia Tech, Falls Church, VA August 2017  
**M.B.A: Technology concentration**  
**Master of Information Technology (M.I.T): Business Analytics concentration**

James Madison University, Harrisonburg, VA  
**B.B.A: Marketing Information Systems**  
**B.B.A: Management – Technology, Innovation, and Entrepreneurship Concentration**

## RESEARCH INTERESTS

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Computer vision  
Behavioral privacy & security  
Behavioral surveillance  
Digital hoarding & clutter  
Machine monitoring

## TEACHING EXPERIENCE

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Teaching interests: Web application & e-commerce | Healthcare technology | Blockchain

Virginia Tech, MIT & MBA Programs January 2017-August 2019

*Distance Learning Instructor*

- BIT 5594 (Spring 2017)- ‘Overall Teaching Effectiveness’ score: 5.57/6 vs 4.89/6 (college mean)
- ACIS 5574 (Sum. 2017)- ‘Overall Teaching Effectiveness’ score: 5.57/6 vs 5.21/6 (college mean)
- BIT 5594 (Fall 2017)- ‘Overall Teaching Effectiveness’ score: 5.31/6 vs 4.89/6 (college mean)
- BIT 5594 (Spring 2018)- ‘Overall Teaching Effectiveness’ score: 4.67/6 vs 5.01/6 (college mean)
- BIT 5564 (Sum. 2018)- ‘Overall Teaching Effectiveness’ score: 5.56/6 vs 5.22/6 (college mean)
- ACIS 5574 (Sum. 2018)- ‘Overall Teaching Effectiveness’ score: 5.61/6 vs 4.79/6 (college mean)
- BIT 5594 (Sum. 2018)- ‘Overall Teaching Effectiveness’ score: 5.35/6 vs 4.79/6 (college mean)
- BIT 5594 (Fall 2018)- ‘Overall Teaching Effectiveness’ score: 5.68/6 vs 5.02/6 (college mean)
- BIT 5594 (Spring 2019)- ‘Overall Teaching Effectiveness’ score: 5.53/6 vs 5.02/6 (college mean)
- BIT 5564 (Sum. 2019)- ‘Overall Teaching Effectiveness’ score: 5.76/6 vs 5.30/6 (college mean)
- ACIS 5574 (Sum. 2019)- ‘Overall Teaching Effectiveness’ score: 5.70/6 vs 5.18/6 (college mean)
- BIT 5594 (Sum. 2019)- ‘Overall Teaching Effectiveness’ score: 5.40/6 vs 5.18/6 (college mean)

## PUBLICATIONS

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Tarun Sen, Parviz Ghandforoush, Nicholas Brown. **Enterprise Systems for Faculty Information in Universities: Implementation Challenges** (in progress)

## RESEARCH

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Nicholas Brown. **Vinish: A choice architecture-based design using an active choice inbox management tool to decrease email clutter** (in progress).

Nicholas Brown and Paul Benjamin Lowry. **Digital hoarding as an emerging threat to organizations and society: Understanding what fosters hoarding behaviors in an increasingly digital environment** (in progress).

Nicholas Brown. **Privacy go: More monitoring, more convenience, and less privacy coming to a store near you** (in progress).

## WORK EXPERIENCE

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**Virginia Tech, Ph.D program**, Blacksburg, VA  
*Graduate Assistant*

August 2018-Present

**Virginia Tech, MBA Program**, Falls Church, VA  
*Graduate Assistant*

January 2016-May 2017

**HITT Contracting**, Falls Church, VA  
*Certified Professional Estimator*

August 2017-November 2017

- Served as pre-construction estimator on construction projects exceeding \$300 million dollars in total value for clients such as:
  - Amazon, General Dynamics, Volvo, Hyatt, and Navy Federal Credit Union.
- Specialized knowledge in Sitework and Structural trades such as:
  - Earthwork, Site Infrastructure, Structural Concrete, Structural Steel, Masonry, Landscape, and Pavements.

**The Matthew's Group**, Purcellville, VA  
*Certified Professional Estimator*

May 2016-March 2017

- Implemented cloud-based estimating software 'BuildingConnected' throughout organization. This includes:
  - Creating a minimum viable product using Microsoft Outlook to serve as an outsourcing tool to illustrate effectiveness of adopting a new workflow process.
  - Demonstrating usage of cloud-based system to company Owner prior to final approval.
- Generated project estimates for building construction and civil projects, winning a total of \$8 million in project awards: Scott Jenkins Memorial Park-Phase 2, Osborn HS Athletic Fields, and World Bank—Building J renovation.

**Strittmatter Contracting, LLC**, Manassas Park, VA  
*Certified Professional Estimator*

February 2007 – February 2015

- Creator of D.I.R.T Methodology Estimating System: Determine, Investigate, Read, and Takeoff.
- Estimated and won projects (serving as a subcontractor) totaling over \$1 billion dollars in construction value, such as City Center, DC; United States Institute of Peace, DC; Virginia Tech Research Center, Arlington, VA; and Macerich's Tysons Corner Center, McLean.

## **ADDITIONAL EXPERIENCE**

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Pattern Day Trader (self-employed) January 2015 – January 2016

Invite Properties, LLC May 2009 – July 2014

*Property Manager/ Co-Owner*

- Managed tenant billings, subcontractor invoicing, and customer interfacing for personally owned property.
- Advertised, negotiated, and sold property without listing/selling agents at a sales price higher than appraisal value.

Rust Vintage Rentals October 2011 – August 2015

*Operations Manager/ Business Development/ Co-Owner*

- Procured, delivered, and set-up vintage furniture rentals for wedding day events and receptions.
- One of the first companies to provide advertised vintage furniture rental service in the D.C. Metropolitan area.

Certified Personal Trainer License 2012

## **SERVICE EXPERIENCE**

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Department Delegate - Virginia Tech Graduate Student Assembly August 2018 – Present

- Represented Business Information Technology (BIT) department at GSA meetings
- Serve as graduate student delegate on the Committee of Research board

Ad Hoc Reviewer – Heliyon December 2018 – Present

Ad Hoc Reviewer – Journal of Cybersecurity Education, Research and Practice  
May 2019 - Present

Vice President - Virginia Tech Graduate Student Assembly August 2016 – May 2017