

# ANNA SCHMULT

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## EDUCATION

**Villanova University, Villanova, PA**

**May 2022**

*Bachelor of Business Administration*

*Management Information Systems; Artificial Intelligence and Computer Science minors*

- Technical GPA: 3.96, Overall GPA: 3.81; Dean's List all semesters

## TECHNICAL SKILLS & COURSEWORK

- **Programming Languages:** PHP, SQL, Python, Java, CSS, HTML5, JavaScript
- **Software & Platform Experience:** Git & GitHub, AWS, DynamoDB, React Native, Jenkins, RESTful APIs, Google Workspace, Microsoft Office Suite, Tableau, JMP 15, SharePoint, SAP, Salesforce
- **Full Stack Development:** Laravel, Blade, Composer, Bootstrap, WordPress, JQuery, Ajax, JSON, MVC design
- **Database Systems:** MySQL, ERM planning & design, Mongo
- **Technical Coursework:** Algorithms and Data Structures I & II, Database Management, Computing Systems, Mobile App Development, Networks and Security, Systems Analysis and Design, Discrete Structures, Analysis of Algorithms, Software Studio, AI & Machine Learning for Business, Intro to Cybersecurity

## WORK & PROJECT EXPERIENCE

**VUTC Web App Full-Stack Redesign**

**March 2020-Present**

**Team Lead**

- Student-led project aimed at redesigning VUTC's online business management platform and related MySQL database responsible for event timing, equipment inventory, and payroll calculations
- Design comprehensive database of 33 tables, including producing ERM
- Lead development of events section of website, including managing changes through GitHub, performing unit testing, and writing 4,500 lines of code
- Produce dynamic and user-friendly pages, using tools including the Laravel PHP framework, blade templating engine, Ajax, jQuery, and CSS/Bootstrap

**Advanced Staging Productions**

**June-August 2021**

**Virtual Event Intern**

- Created, updated, and tested low-code websites for virtual events using WordPress and Bizzabo
- Advised Project Managers on design and functionality of commissioned web design initiatives
- Provided real-time technical support for hybrid and virtual events with over 1,000 attendees

**Tikvah Email Migration Project**

**November-December 2021**

- Practical project for Systems Analysis & Design course assisting Tikvah, a local 501(c)(3)
- Migrated email accounts from Ionos to Google Workspace, including creating accounts, setting default permissions, creating DNS records, and training users in system use, including collaboration with third-party web developers and other organizational stakeholders

**Used Textbook Sale App Project**

**March 2021**

- Cumulative project for Mobile App Development course using React Native
- Created a mockup app to facilitate used textbook selling including functionality to create accounts, list books for sale, search available books, and chat with potential buyers or sellers
- Lead group of three students, including teaching other students how to use GitHub
- Wrote 2,500 lines of code, comprising core functions such as account creation and chatting

**Villanova University Tech Crew (VUTC), Villanova, PA**

**October 2018-Present**

**President & Head Technician**

- Executive Board member of student-run event production business with revenue of \$75,000 annually
- Manage day-to-day operations including processing event requests, coordinating staffing, resolving conflicts, and client communication
- As president, oversee organizational growth and development and strategic initiatives
- Run audio-visual elements for client events, including leading groups of 3-20 staff members
- Created system of client profiles to track client organizations, allowing for more efficient client interactions