

Michael Zemanek

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EDUCATION

Washington University in St. Louis

Bachelor of Science in Computer Engineering and MS in Engineering Management

- GPA: 3.93; Tau Beta Pi

Davidson College

Bachelor of Science in Computer Science and Pre-Engineering

- GPA: 3.8; Atlantic 10 Honor Roll

St. Louis, Missouri

Expected May 2022

Davidson, North Carolina

August 2019 – May 2022

WORK EXPERIENCE

JP Morgan & Chase

Corporate Analyst Intern – Payments Strategy and Planning Team

Columbus, Ohio

June 2024 – August 2024

- Led a market research project to assess competitors, analyzing their strengths and weaknesses, and delivered a report to management
- Updated an Excel table weekly, provided detailed reports to managers, and facilitated team actions to drive necessary changes
- Organized and planned a corporate intern event, including venue selection, vendor coordination, and event marketing

Anheuser Busch

Data Analytics Intern

Columbus, Ohio

June 2023 – August 2023

- Developed an automated Excel Macros model to identify excess water usage throughout the brewing process to help reduce water usage
- Led meetings with multiple teams to align on the correct software, data, and visuals used

Washington University in St. Louis

Teacher Assistant

St. Louis, Missouri

January 2023 – Present

- Instructed students on how to code in Python and use the Pandas library for Data Analytics
- Held office hours to teach fellow peers the foundations of digital logic and computer design

Swagelok Company

Corporate Lean Summer Intern

Solon, Ohio

May 2022 – August 2022

- Constructed a Power BI model to support proliferation on Overall Equipment Effectiveness for high volume work centers
- Developed Excel Macros to automate financial tracking on engineering projects; completed Lean Bootcamp and Point Kaizen training

Davidson College Computer Science Assistant Teacher

Computer Organization (CSC 250) Assistant Teacher

Davidson, North Carolina

January 2022 – May 2022

- Commit 5+ hours weekly to help students on homework and test preparation
- Attended meetings with professor to communicate difficult topics for students

Schneiders Saddlery Co., Inc.; Chagrin Valley Farms Equestrian Center

Intern

Chagrin Falls, Ohio

December 2019 – January 2023

- Assisted in warehouse distribution; Trained in Google AdWords and Analytics to support new customer acquisition efforts
- Streamlined the hiring process using automation features and custom workflows in JazzHR

STUDENT ACTIVITIES

Engineering Test Kitchen

Project Lead

St. Louis, Missouri

July 2024 – Present

- Lead projects by assembling teams, collaborating with clients to develop solutions, and managing project execution from start to finish
- Manage a project for the Independent Stave Company to develop an accurate, automated solution for quantifying staves on a pallet

Graduate Mentorship Program

Mentor

St. Louis, Missouri

July 2024 – Present

- Offer guidance and support to help graduate students navigate academic challenges and achieve their goals

Davidson College Men's Soccer

NCAA Division 1 Scholar-Athlete

Davidson, North Carolina

July 2019 – May 2022

- Played in 3 games in 2021 collecting 17 saves and a .680 saves percentage; Led Davidson to a Conference Win over La Salle
- Davidson Scholar-Athlete Scholarship Award: helped advance to 2019 & 2021 Atlantic 10 League Conference Playoffs
- Commit 30+ hours weekly to team activities throughout the year, including practice, weights, travel, competition, and rehabilitation, in addition to a full-time course load

United States Boy Scouts: Eagle Scout

National Eagle Scout Association Member

Richmond Heights, Ohio

January 2016 - present

- Eagle Scout project: designed, constructed & transported 2 massive 8 slot kayak racks that withstand OH weather

SKILLS & INTERESTS

- Well versed in Excel, Python, Java, HTML, CSS, Javascript, PowerPoint, Word, Outlook, Google Ads Certified, Lean Six Sigma Green Belt
- Intermediate Spanish, Financial Modeling: Building a Complete Model in Excel Certificate, Working knowledge of VHDl