

DORA ANDREEA BACIU

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OBJECTIVE

Creative and driven Computer Science student completing my bachelor's degree and minor in Business with a strong foundation in coding experience and efficient solution design. I'm seeking to expand my knowledge through obtaining an opportunity where I can leverage my current knowledge into the software industry in a professional setting and create meaningful projects to reach desired audiences.

EDUCATION

LAKE FOREST COLLEGE LAKE FOREST, IL

MAY 2024

BACHELOR OF ARTS MAJOR: COMPUTER SCIENCE, MINOR: BUSINESS

GPA: 3.45/4.00

Honors: Presidential Scholarship

AUGUST 2020-PRESENT

- Awarded to students exhibiting excellent academic potential and talent.

Coursework:

Algorithms and Analysis, Abstract and Discrete Math, Web Programming, Computer Science I - Python, Computer Science II - Java, Data Structures and Algorithms, Introduction to Database Systems, Digital Design Foundations, Programming for Data Applications, Cryptography, Software Engineering for Web Apps

RELEVANT SKILLS

Technical:

- Familiar with: Java (2 years), Python (3 years), HTML (3 years), Bootstrap, JavaScript, CSS, PHP, SQL, Jupyter Notebook
- Excel, PowerPoint, Word, Adobe Photoshop, Adobe Illustrator, Visual Studio Code, GitHub

Languages:

- Romanian (Fluent)
- English (Fluent)

EXPERIENCE

RESEARCH INTERN ITS

LAKE FOREST COLLEGE, LAKE FOREST
JANUARY 2024 – APRIL 2024

- Successfully integrated an AI academic plan model into Constituio, enhancing its functionality for utilization within Jenzabar, resulting in improved planning efficiency.
- Collaborated closely with research partner and supervisor to ensure seamless integration, demonstrating strong teamwork and communication skills to achieve project objectives.
- Engaged in rigorous testing and validation procedures to guarantee the accuracy and effectiveness of the integrated AI model, showcasing meticulous attention to detail and commitment to quality assurance.

PROGRAMMER INTERN ITS

LAKE FOREST COLLEGE, LAKE FOREST
JUNE 2023 – AUGUST 2023

- Developed data sets using SQL, Power BI, and InfoMaker reports to facilitate communication for data merges for the Registrar's office, faculty, and administration.
- Leveraged foundational knowledge in SQL to pull and manipulate large data sets from Lake Forest College's complex database structures accurately and on time.
- Collaborated with various departments to ensure data met specific needs, reinforcing teamwork and communication skills.

**WEBSITE DEVELOPER AND
ADMINISTRATOR**

*STS CONSTANTIN AND HELEN CATHEDRAL,
CHICAGO IL
NOVEMBER 2023 – PRESENT*

- Designed, developed, and maintained the church's website, ensuring it provided an engaging and user-friendly experience for parishioners and visitors.
- Utilized Bootstrap, HTML, CSS, and JavaScript to build and update pages to ensure website was accessible and optimized for both web and mobile users.
- Worked closely with church leadership to align the website's design and content with the church's values and goals.

ACADEMIC PROJECTS

CSCI 212 Object Oriented Programming (Java, GUI, GitHub)

- Worked in a team of two to design an iSpy arcade game that was updated and maintained using GitHub.
- Learned and implemented Java to maintain sleek, readable, and reliable code that the Professor could reuse for the class.
- Designed and displayed a program that accurately displayed iSpy game, user score, and rules for the game using GUIs.

CSCI 107 Introduction to Web Programming (JavaScript, CSS, HTML)

- Individually designed an interactive website that allowed users to go through art content I created.
- Designed page features and functionality with information displayed clearly and added to CyberDuck server.
- Utilized JavaScript, CSS, and HTML to make code repairs and update the site as needed.

CSCI 327 Introduction to Database Systems (PHP, HTML)

- Worked in a team of three to conceptualize, design, and develop a dynamic database driven application for a video store.
- Designed active user interface pages utilizing PHP and HTML for browsing and retrieving information from a database.
- Participated in project planning including designing the database schema and analyzing relationships between tables which contributed to successful design and completion of the table.

EXTRACURRICULAR

COMPUTER SCIENCE CLUB, LAKE FOREST, IL

OCTOBER 2022 - PRESENT

MEMBER

- Meet with professionals to discuss emerging technologies and related careers in the tech industry.

WOMEN IN BUSINESS, LAKE FOREST, IL

AUGUST 2021 – MAY 2023

MEMBER

- Expanded knowledge related to professional business careers in wide ranges of industries.