

Rebecca (Becky) Blake

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science in Computer Science, Dean's List

Expected May 2025

GPA: 4.00/4.00

Hinsdale Central High School

AP Scholar with Distinction

Completed May 2021

GPA: 4.92/5.00 (unweighted) and 5.74/6.00 (weighted)

Computer Science/Math Coursework: Intro to Computer Science I and II, Discrete Structures, Software Design Lab^F, Data Structures^F, Computer Architecture^F, Intro to Cybersecurity^F, System Programming^S, Ethical and Professional Conduct^S, System Programming^S, Calculus III, Linear Algebra, Numerical Methods I^S

Innovation/Engineering Coursework: Intro to Innovation, From Idea to Enterprise, Lecture in Engineering Entrepreneurship, Design Thinking/Need Finding^F, Creativity/Innovation/Vision^S, Developing Breakthrough Projects^S, Engineering: Career Ready, University Physics: Electricity & Magnetism

Business Coursework: Microeconomic Principles, Technology & Management Seminar^F

^F – Enrolled for Fall 2022, ^S – Anticipated for Spring 2023

WORK EXPERIENCE

EntreCORPS, Consultant

September 2022–Present

- Starting part time Consultant position at EntreCORPS, a student-based growth and innovation strategy consulting firm that collaborates with clients ranging from early stage ventures to innovation-driving groups within Fortune 500 companies
- Assist a firm that has an application that allows pet owners to communicate with people who are caring for their pet

University of Illinois, Undergraduate Summer Researcher for Professor Colleen Lewis

June 2022–August 2022

- Developed teaching methods using physical objects to teach Java with the overall goal of making computer science more accessible as part of the [Physical Representations of Programming Concepts](#) program
- Performed experiments with physical Java memory models that test the effectiveness of physical objects as teaching tools for students
- Wrote and presented a Process Oriented Guided Inquiry Learning (POGIL) activity about arrays and loops to Advanced Placement Computer Science A (APCSA) teachers and students from Chicago Public Schools at a three-day workshop hosted by the [Discovery Partners Institute](#)

Capital One, Diversity Summit for Developing Leaders (SDL) Participant

May 2022

- Designed and pitched innovative Mainstreet credit card to help students and recovering credit users build up their credit score by engaging with a financial literacy curriculum
- Researched target customer segments and formulated strategies on how to market the product towards each segment

TECHNICAL SKILLS

Programming Languages: Java, Python, C++

Tools and Applications: Android Studio, Spyder, Microsoft Office, Google Drive, VS Code

Spoken Languages: English, Spanish (basic)

ACTIVITIES AND HONORS

Innovation Living-Learning Community

Hamer Foundation Scholarship

Alpha Lambda Delta Honor Society

Women in Computer Science (Mentorship Committee)

Illini Strings Orchestra (Violin)

Intro to Computer Science I (CS 124) Course Assistant