

Rebecca (Becky) Blake

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science in Computer Science

Bachelor of Science in Innovation, Leadership, and Engineering Entrepreneurship (ILEE)

Expected May 2025

Overall 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, Data Structures, Computer Architecture, Intro to Cybersecurity, Data Visualization^s, System Programming^s, Probability and Statistics for Computer Science^s, Linear Algebra, Calculus III

Innovation/Engineering Coursework: Intro to Innovation, From Idea to Enterprise, Lecture in Engineering Entrepreneurship, Design Thinking/Need Finding, Creativity/Innovation/Vision^s, Developing Breakthrough Projects^s, Engineering: Career Ready, Technology & Management Seminar, University Physics: Electricity & Magnetism
^s – Anticipated for Spring 2023

WORK EXPERIENCE

EntreCORPS, Consultant

September 2022–Present

- Part time Consultant 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
- Conduct primary research on potential customer segments through surveys and interviews with 20+ respondents

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 to each segment
- Will participate in the Early Internship Program (EIP) at the Capital One headquarters in McLean, VA for the summer of 2023

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 (2 years)

Hamer Foundation Scholarship

Alpha Lambda Delta Honor Society

Dean's List

Women in Computer Science (mentorship committee)

Illini Strings Orchestra (violin)

Unit One Music (piano)

Intro to Computer Science I Course Assistant