

# Karina Agliullova

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## EDUCATION

### Berea College, Berea, KY

Graduation Date: May 2024

Bachelor of Arts in Computer and Information Science w/ Minor in Communications (Overall GPA: 3.59/4.00)

**Relevant Coursework:** Software Design and Implementation, Data Structures, Design & Analysis of Algorithms, Marketing, Project Management, Front-End Development, Database Systems, Networking, Programming Languages, Human-Centered Computing, Discrete Mathematics, Electricity and Electronics, Calculus, Compiler Design and Implementation, Theory of Computation, Data Analytics

**Awards:** Dean's List (Spring 2020, Fall 2020, Spring 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023)

**Scholarships:** Tuition Promise Scholarship (\$200,000+)

## SKILLS & INTERESTS

**Technology/Tools:** Python, SQL, Objective C, Swift, HTML/CSS, JavaScript, C++, C, Microsoft Office, Adobe AEM

**Interests:** Software Engineering, Web Development, Project Management, Product Design, IT and Customer Help

## PROFESSIONAL EXPERIENCE

### Software Development Team, Berea College

June 2024 – present

*Team Manager of Software Development Team*

- Managing multiple web services used among 2000+ community members of Berea College; providing training to 14 software development interns; working closely with customers on solving technical communication issues

### Student Software Development Team, Berea College

Aug 2021 – May 2024

*Manager of Student Software Development Team*

- Managed a process of re-engineering a project to improve and consolidate end-to-end service processes; restructured communication flow among 10 departments and cut down paperwork by 75%; organized the team of 10 student software developers to develop efficient back-end and front-end solutions for the optimization and maintenance of 3 web applications

### Hudl

May 2023 - August 2023

*Software Development Intern*

- Developed a streamlined flow for the Remote Truck application, enhancing usability and reducing onboarding time by 25%, resulting in improved user satisfaction and retention; designed and implemented login, user management, broadcast, and overlay pages in the Remote Truck application, optimizing user experience and increasing user engagement by 40%

### Information Systems & Services, Berea College

August 2022 - May 2023

*Help Desk Specialist*

- Delivered outstanding technical support and services for 2000+ faculty, staff, and students of Berea College, solving technical problems with hardware and software technologies, provided trainings for the incoming IT specialists, managed a team of 10+ help desk specialists in solving technical problems

### Collaborative Robotics Laboratory, Purdue University

May 2022 - August 2022

*Robotics Research Intern*

- Utilized KNN classification algorithm to test and train the robot, achieving 30% increase in precision of hand movements and reducing classification errors by 15%; developed and implemented a YOLO algorithm for object detection, resulting in an 80% reduction in false positives and improving overall accuracy by 25% in robotic vision

### Student Software Development Team, Berea College

May 2021 - Aug 2021

*Software Development Intern*

- Designed a framework and user experience workflow for the web application using Balsamiq wireframing; built efficient front-end and back-end solutions for the web application for a non-profit organization, CELTS, used by 2,000+ people at Berea College

## LEADERSHIP AND HONORS

- Outstanding Lead Programmer of the Student Software Development Team at Berea College
- Member of Honorary Society "Epsilon Pi Tau"
- Winner of the "Top Pick AT&T" for the GiftBook project on VolHacks V 2021 Hackathon