Dimitar N. Pendurkov

dimitar3@illinois.edu • 815-630-7645 • www.dimitarpendurkov.com

EDUCATION

University of Illinois at Urbana-Champaign   Expected December 2022
Bachelor of Science in Computer Science   **GPA: 3.89/4.00**
- James Scholar

EXPERIENCE

Technician at Advanced Technical Services   June 2018 - August 2018
- Ran diagnostic tests on media players and performed hardware repairs to ensure customer satisfaction
- Collaborated in a team to create an efficient workplace environment and repaired dozens of machines a day
- Administered training and mentorship to aspiring technicians

ACTIVITIES

Treasurer of Programming Club   August 2019 - May 2020
At the College of Dupage
- Exercised leadership, managed group effort, contributed to club projects

PROJECTS

Most Valuable Professor   March 2021
- Full stack web application, primarily for finding good professors and courses from UIUC
- MySQL database hosted on Google Cloud Platform
- Backend built in Python/Flask
- Frontend uses Bootstrap framework

Naive Bayes Digit Classifier   October 2020
- Implemented a Naive Bayes algorithm
- Trained a model on 5000 images to accurately classify drawn numbers
- Built in C++ using Cinder library to display a sketchpad for user input

COURSEWORK

- **Software Engineering**: Data Structures, Database Systems, Software Design Studio, Probability and Statistics for Computer Science, Computer Architecture, Numerical Methods
- **Math**: Calculus I - III, Linear Algebra, Differential Equations, Discrete Mathematics

SKILLS

- Languages: C++, Java, C#, Python, Kotlin
- Testing Frameworks: JUnit, Catch2
- Version Control: Git, Github
- Operating Systems: Linux, Windows
- Web: HTML5, CSS, Flask
- Databases: SQL, Neo4j, MongoDB