Dimitar N. Pendurkov

539 Lowden Ave, Glen Ellyn, IL 60137• 815-630-7645 • dimitar3@illinois.edu

---

EDUCATION

University of Illinois at Urbana-Champaign   Expected May 2022
Bachelor of Science in Computer Science   **GPA: 3.90/4.00**
- **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

HackIllinois - QR.io   February 2020
At the University of Illinois at Urbana-Champaign
- Cooperated with group members on an open source project
- Honorable mention for UX design by Mirus Research
- Created a mobile app for data transfer using phone cameras

PROJECTS

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

RELEVANT COURSEWORK

- **Software Engineering**: Data Structures, Numerical Methods, Software Design Studio, Probability and Statistics for Computer Science, Computer Architecture, Database Systems, 3D Game Development, 2D Game Development
- **Math**: Calculus I - III, Linear Algebra, Differential Equations, Discrete Mathematics
- **Science**: Chemistry I - II, Physics Mechanics, Physics Electromagnetism

SKILLS

- Languages: C++, Java, C#, Python, SQL
- Unit / Automated testing: JUnit, Catch2
- Makefile, CMake
- Version Control: Git, Github
- Linux, Windows
- Unity
- UML diagrams
- Fluent in Bulgarian