

# Andria Beridze

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## Education

Drexel University  
Bachelor of Science in Computer Science (GPA: 4.0)

Philadelphia, PA  
Anticipated Graduation: June 2029

## Skills

**Programming Languages:** C, C++, C#, Python, Java, JavaScript, Scala, SQL, Bash, HTML/CSS

**Frameworks/Libraries:** .NET, Django, TensorFlow, PyTorch, NumPy, pandas, Raylib.cs, Apache Spark

**Tools & Platforms:** Visual Studio, VS Code, IntelliJ IDEA, Code::Blocks, Git, Vim, Linux, Amazon EMR

**Methodologies:** Agile, Scrum, CI/CD

**Spoken Languages:** Georgian (native), Russian (fluent), Spanish (limited)

## Relative Coursework

Intro to Computer Science	Advanced Programming Tools & Techniques	Computer Programming I, II
Comp & Info Design I, II, III	Linear Algebra	Multivariate Calculus

## Projects

Cinematica

Philadelphia, PA

*Product Owner & Programmer*

January 2025 to Present

- Built a full-stack recommendation web app (Django + JS) with search, ratings, and personalized suggestions
- Designed RESTful backend endpoints, implemented UI components, and optimized page load latency by ~30%
- Led a 4-person agile team; coordinated sprint planning, debugging sessions, and feature integration reviews

Chess AI

Feasterville, PA

*Programmer*

September 2024 to December 2024

- Developed a chess engine in C# with emphasis on efficient move generation and evaluation
- Implemented minimax search with alpha-beta pruning to reduce search space and improve decision speed
- Conducted iterative gameplay testing and debugging to enhance AI stability, correctness, and playing strength

## Experience

Penn Mutual Life Insurance Co.

Horsham, PA

*Software Engineer*

September 2025 to Present

- Worked in an agile team of 8 to automate and manage large-scale financial transaction systems
- Delivered features for transaction tracking, policy updates, and data integrations per business needs
- Built and deployed Scala/Spark pipelines on AWS EMR using Bitbucket for collaboration

Self-employed

Feasterville, PA

*Tutor*

September 2022 to Present

- Tutor twenty students aged 12-17 in Computer Science, Algebra, Geometry, Physics, and Chemistry
- Provide instructions to enhance grasping of topics using textbooks and online tools
- Devised lesson plans with custom worksheets and assigned homework for exam preparation

Bell's Market

Feasterville, PA

*Cashier*

March 2022 to September 2025

- Operate computerized cash register to process sales transactions up to \$3000 per shift
- Managed customer service calls to address inquiries and resolve issues
- Mentored new employees, providing guidance on procedures to ensure smooth on-boarding

## Honors and Awards

Bronze Medal — InfO(1)Cup (International Olympiad), Bulgaria — February 2022

PA-East State Champion — ICPC Mid-Atlantic Regional (8th of ~65 teams, 4th on-site) — November 2025

Candidate Master (Codeforces) — Top ~5% globally (Rating  $\geq 1900$ ) — January 2023

Dean's List, Drexel University — January 2025, April 2025

## Activities

Institute of Electrical & Electronics Engineers, Drexel, January 2025 to Present

Competitive Programming Club, Drexel, October 2024 to Present