

Andrei Cozma

I am a software developer with a strong passion for learning, improving, and creating.

In my personal and work life I am an enthusiastic and dedicated team player with a positive attitude, driven to adapt to any situation, and always striving to attain the highest possible standards of quality and excellence.

✉ me@andreicozma.com

📍 Knoxville, Tennessee, United States

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🐙 github.com/andreicozma1

EDUCATION

Computer Science Major, Cybersecurity & Business Administration Minors (Senior)

University of Tennessee, Knoxville

08/2018 - Present

Knoxville, Tennessee

WORK EXPERIENCE

Software Developer Intern

EloTouch Solutions

05/2021 - 08/2021

Remote

Achievements/Tasks

- Design, develop, and test software components, system frameworks, and applications for Elo's enterprise-grade touchscreen point-of-sale, self-service, and retail solutions as well as for customers and business partners.
- Using Java, Kotlin, the Android SDK's, Elo SDK's, and version control systems to develop the unified Elo platforms using the Android Open Source Project in an Agile work environment.

Contact: Haroun Ansari (Manager) - Haroun.Ansari@elotouch.com

Undergraduate Research Assistant

The University of Tennessee, Knoxville

03/2021 - Present

Knoxville, TN

Achievements/Tasks

- Assist with research and ongoing projects, including software development and analysis on a variety of cyber security topics, writing and documenting research and findings, performing analytics, collecting and analyzing data, and creating visualizations of results.

Contact: Doowon Kim - doowon@utk.edu

Software Developer Intern

EloTouch Solutions

01/2020 - 01/2021

Knoxville, TN

Achievements/Tasks

- Design, implement, and test software frameworks, solutions, and demo applications for ELO's enterprise touchscreen solutions, as well as for customers and business partners.
- Using Java, Kotlin, Version Control systems, the Android SDK to develop Elo SDKs and enterprise solutions with the Android Open Source Project as part of a full-stack Environment.

Contact: Haroun Ansari (Manager) - Haroun.Ansari@elotouch.com

LANGUAGES

English & Romanian
Native or Bilingual Proficiency

Spanish
Limited Working Proficiency

SKILLS



PERSONAL PROJECTS

STEM (08/2020 - 12/2020)

- Contributed to the development of a Turing Machine simulator written in Java. This project is used by UT professors to aid teaching about Turing machines.

LeafNote (01/2021 - 05/2021)

- A note-taking application written in Python with PyQt, including features for text completion, spell-checking, summarization, formatting, latex support, etc.

InfiniBuilder (01/2020 - 04/2020)

- A voxel-based sandbox video game written in Java, using the JavaFX library and integrated with the Maven build system.

Escape Velocity & Gravitation Simulator (10/2019 - 12/2019)

- A simulator written in JavaScript showcasing escape velocity based on different parameters such as mass, radius, initial velocity.

ORGANIZATIONS

VolHacks (04/2019 - Present)

President, former Operations Manager for Sponsors & Organizer

Chancellor's Honors Program (08/2018 - Present)

Active Member. Volunteer and Serve the Community

Pi Kappa Phi Fraternity (08/2018 - Present)

Chapter Secretary, Housing Manager, Web Designer & Programmer

CERTIFICATES & ACHIEVEMENTS

Project Management Foundations (LinkedIn) (09/2021 - Present)

From Data to Insights with Google Cloud Platform Specialization (08/2020 - Present)

Google Cloud Essentials Certificate (07/2020 - Present)

Certificate of Excellence for Tennessee Scholar (04/2018 - Present)