Andrei Cozma

Experienced Software Developer with a strong passion for learning, improving, and creating.

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 experience. Completed and ongoing coursework in Systems Programming, Data Structures & Algorithms, Discrete Structures, Scientific Computing, Algorithm Analysis & Automata, as well as personal research and coursework in Machine Learning & Cybersecurity.

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in linkedin.com/in/andreicozma1

github.com/andreicozma1

EDUCATION

Computer Science Major with minors in Cybersecurity & Business Administration
University of Tennessee, Knoxville

08/2018 - Present   *Knoxville, Tennessee*

WORK EXPERIENCE

Software Developer Intern
EloTouch Solutions

01/2020 - Present   *Knoxville, TN*

Achievements/Tasks

- Design, implement, and test Software Frameworks, Solutions, and Demo Applications for ELO's Enterprise-Level Touchscreen Solutions, as well as for customers and business partners.
- Using Java, Kotlin, Version Control systems, the Android SDK as well as ELO SDKs to develop platform solutions with the Android Open Source Project (AOSP) as part of a Full-Stack Environment.

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

Asset Protection
Walmart Inc.

05/2019 - 08/2019   *Hendersonville, TN*

Achievements/Tasks

- Secure and safeguard the facility by observing and communicating suspicious activity, assisting with investigations, maintaining paperwork, logs and other required documentation, and appropriately executing emergency response procedures.

Contact: Thanu Muruges (Store Manager) - tmuruges@walmart.com

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

National Honor Society (08/2016 - 05/2018)
Awarded Medal for Most Volunteer Hours Senior Year

Computer Science Club (09/2014 - 05/2018)
President, Club Organizer, and Tutor for 3 years

Robotics Club (01/2017 - 05/2018)
President, Club Organizer, and Tutor for 2 years

American Red Cross
Middle Tennessee Chapter Member & Volunteer

SKILLS

C++   C   Java   Kotlin   Python   JavaScript   Linux

AOSP   Embedded Systems   Git   JIRA   Mathematics

Physics   Critical Thinking   Problem Solving   Teamwork

Communication   Time Management   Dedication

PERSONAL PROJECTS

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.

Scikit Digits (05/2020 - 05/2020)
- A step-by-step Machine Learning digit recognition model training tutorial written in Python using scikit-learn.

LearnDroid (12/2019 - Present)
- A set of Android Studio projects showcasing the implementations of different application features using the Android SDK.

utkpikapp.org (10/2019 - Present)
- Organization portal integrated with the Google Cloud Platform and Google Apps Scripts used to manage chapter rosters, attendance, documents, calendar, etc.

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.

Graphing Calculator (10/2019 - 11/2019)
- Project written using HTML and Javascript in order to imitate the functions of a graphing calculator based on user input.

CERTIFICATES & ACHIEVEMENTS

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)

Certificate of Achievement for Honors Calculus (04/2018 - Present)
High School Achievement Award

National Honor Society Medal for Most Volunteer Hours

LANGUAGES

English & Romanian
Native or Bilingual Proficiency

Spanish
Limited Working Proficiency