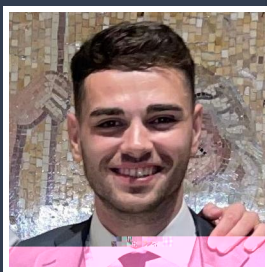


# Borys Banaszkiewicz

## Software Engineer

A passionate Software Engineering student at Arizona State University's Ira A. Fulton School of Engineering having a proficiency in Python, Java, C, C++, and Swift, I enjoy tackling complex challenges efficiently and creatively.



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## EDUCATION

### Bachelors of Science in Software Engineering

Arizona State University's Ira A. Fulton School of Engineering

01/2021 - 05/2025

4.0 GPA

## PERSONAL PROJECTS

### RPG Game (Java)

- **Implemented Multiple Design Patterns** including Factory, Decorator, Strategy, and Mediator design patterns to manage character creation, state management, combat algorithms, and game flow.
- **Developed Robust Game Mechanics** by incorporating a turn-based combat system with randomized enemy encounters, leveling mechanics, and item management.
- **Ensured Code Modularity and Maintainability** to allow easy modifications and extensions, improving code reliability and readability.

### Distributed System using gRPC (Java)

- **Developed a Distributed System using gRPC** by implementing a client-server architecture with multiple services.
- **Implemented Robust Services** including encryption algorithms (Caesar and XOR Cipher) and comprehensive bill management functionalities, ensuring data persistence and integrity.

### Parallel Image Filtering (C)

- **Developed a multithreaded** image processing application, utilizing pthreads to implement and parallelize complex filters such as box blur and Swiss cheese.
- **Optimized image handling for large BMP files**, ensuring efficient memory allocation and thread management for high-performance computing.
- **Implemented pixel manipulation algorithms**, enabling dynamic visual effects and enhancing image quality through parallel processing.

### Chess (Python)

- **Interactive Chess GUI** that visually highlights legal moves and captures with a distinctive red glow, enhancing player experience and decision-making in real-time.
- **Comprehensive Chess Mechanics** implemented including check, checkmate, stalemate, en passant, and castling, ensuring a fully functional gaming environment.
- **Integration of advanced features** including chess notation and a robust undo move functionality, allowing players to track their moves precisely and revisit previous states for strategic analysis and learning.

## SKILLS

Critical Thinking

Creativity

Multi-Tasking

Organization

Communication

## WORK EXPERIENCE

### Director of Operations

#### Boost Carriers, Inc.

09/2019 - 05/2022

Bensenville, IL

Following the acquisition of Boost Auto Transport in 2019, I transitioned to Boost Carriers, where I continued to drive operational and revenue growth.

#### Achievements

- Sold majority ownership of my company Boost Auto Transport to an industry veteran to help with expansion, resulting in the formation of Boost Carriers
- Responsible for managing all operations; developing business and financial plans, recruiting strategies, and growing sales through marketing
- Implemented and managed the expansion of operations from 5 to 40 trucks, increasing yearly net revenue from \$300K to \$6M

### Founder

#### Boost Auto Transport, Ltd.

08/2016 - 09/2019

Chicago, IL

#### Achievements

- Independently founded a trucking and logistics company in Chicago, IL
- Operated dispatch to optimize loads and maximize profit, resulting in margins of \$0.50 cents per mile above the national average per load
- Designed and executed marketing and sales strategies that grew the business from \$130K to \$300K in net annual revenue

### Assistant Operations Manager, Accounting Clerk

#### CHC Wellbeing

06/2013 - 12/2016

Chicago, IL

From August 2013 to December 2016, I advanced from Accounting Clerk to Assistant Operations Manager, progressively taking on greater responsibility.

#### Achievements/Tasks

- Analyzed and presented actionable insights from corporate health data to executive management
- Prepared detailed reports, designed digestible presentations, and performed and consolidated research on healthcare equipment
- Engaged with Account Managers and Sales Representatives to complete sales orders and implement customer incentive programs

## INTERESTS

Astronomy

Algorithms

App Development

Chess

## LANGUAGES

English

Native or Bilingual Proficiency

Polish

Professional Working Proficiency