

# Yevhenii Shypitsyn

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## EDUCATION

**The Ohio State University** (Columbus, OH)

**Aug 2019 – Dec 2022**

**B.S. Computer Science and Engineering** (Computer Systems)

**GPA: 3.41 / 4.0**

- Twice named to Dean's Honors List while taking 18 credits hours (Fall 2022, Fall 2019)
- Assisted in teaching Software Components course (CSE 2221, Spring 2020)
- Awarded a Certificate of Coding Achievement for implementing various path searching algorithms in a MATLAB game (December 2019)
- Received highest grades in Parallel Computing, Knowledge-Based Systems Capstone Project, Web Applications Project, and Principles of Programming Languages courses

**Physics and Mathematics Lyceum #208** (Kyiv, Ukraine)

**Sep 2012 – May 2016**

**High Honors School diploma**

**GPA: 10.8 / 12.0**

- Awarded 3<sup>rd</sup> place in the Kyiv district in a competitive programming competition solving combinatorics problems using C++ (December 2016)
- Developed several computer games using raw OpenGL and C, later Unity

## WORK EXPERIENCE

**U.S. Bank** (Cincinnati, OH)

**Jun 2021 – Aug 2021**

Software Developer Intern

- Proposed fixes to software vulnerability issues within the Single Point application (**Java, Fortify**)
- Presented on the reasons behind the bank's moving to microservices

**Huntington National Bank** (Columbus, OH)

**Jun 2020 – Aug 2020**

Software Developer Intern

- Assisted with development of Business Account Application, completed 5 full stack stories. Presented a business problem and its solution (**Angular, Node.js, Java, Spring**)

**Pelican Technologies Inc.** (Dayton, OH)

**Aug 2018 – Jul 2019**

Software Developer Intern

- Developed a series of Android RFID applications that interact with remote servers over TCP/IP and Bluetooth sockets, with concurrent flow of data (**Java, C#, PHP, SQL**)
- Built an internal code-parsing and generating program that saves 1.5 employee hours daily (**C#, SQL server**)

## PROJECTS

- **Productivity App (2022)**. An **iOS** application written in **Swift**, features remote storage, account authentication, and user data synchronization with the **MongoDB** cloud. Utilizes **Alamofire** library and **Node.js** to handle **HTTP** networking requests.
- **DB Manager (2022)**. An **Angular** web application that serves as a convenient database management system for the Productivity App cloud, includes multi-user login component and **CRUD** functions.
- **Elastic Movie Recommender (2022)**. A final semester project for which we used **Elastic Search API**, to analyze input sentence and recommend a movie from our database using an NLP algorithm. Used **Node.js** and **Express.js** for the frontend.