

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: 3.365 / 4.0**

- Taking **Parallel Computing**, Computer Architecture, Knowledge-Based Systems courses
- Completed courses in **Web Applications (A-)**, Computer Networking (B+), Computer Languages (A), Information Security (A-), Operating Systems (B+), Database Systems, Artificial Intelligence, Data Structures & Algorithms, Software Development & Design
- Teaching Assistant for Software Components course (CSE 2221, Spring 2020)
- Dean's Honors List awardee (Fall 2019)

Sinclair Community College – Dayton, OH **Aug 2016 – May 2019**

A.S. Business Administration, Honors **GPA: 3.584 / 4.0**

- Completed courses in Financial and Managerial Accounting, Business Law, Economics

PROJECTS

- **Productivity App (personal, 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 (personal, 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 for tuples displayed.
- **CORE Interpreter (CSE 3341 individual project, 2022)**. Built a fully qualified interpreter in **Java** for the Core language discussed in class over the course of the semester, including lexical and syntax analyzers, an executor, and a garbage collection algorithm. Implemented a call stack, heap space, and a global space for the interpreter.
- **Telegram Scrape Bot (personal, 2021)**. A functional bot written in **Python** scrapes user data from public group chats, has been used by marketing professionals.

WORK EXPERIENCE

U.S. Bank **Jun 2021 – Aug 2021**

Software Developer Intern **Cincinnati, OH**

- Researched the Single Point application code and reasons the bank is moving toward microservices. Fixed software vulnerability issues (**Java, Fortify**)

Huntington National Bank **Jun 2020 – Aug 2020**

Software Developer Intern **Columbus, OH**

- 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. **Aug 2018 – Jul 2019**

Software Developer Intern **Dayton, OH**

- 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**)