

# 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**, Knowledge-Based Systems, Computer Architecture courses
- Completed courses in Data Structures & Algorithms, Software Development & Design, Operating Systems, Database Systems, Computer Networking, **Web Applications (A-)**, Information Security (A-), Artificial Intelligence, Principles of Computer Languages (A)
- 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 – Jul 2021**

Software Developer Intern **Cincinnati, OH**

- Researched the Single Point application code and reasons the bank is moving toward microservices (**Java**)

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

Software Developer Intern **Columbus, OH**

- Assisted with development of Business Account Application, completed 5 full stack stories (**Angular, Node.js**)

**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**)