

Niko Pavlov

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TECHNICAL SKILLS

Languages: Java, Python, SQL (Postgres and SQLDeveloper), JavaScript, HTML5, CSS

Frameworks: Node.js, Express.js, JUnit

Developer Tools: Git, Visual Studio Code, Eclipse, Mocha, ChatGPT, AWS

EDUCATION

DePaul University

Bachelor of Science in Computer Science

Chicago, IL

Sept. 2019 – June 2023

PROJECTS

Steamy | *Node.js, PostgreSQL, AWS, Git*

Sep 2022 – November 2022

- Developed a website hosted on AWS in a team that utilized the Steam API
- Used a PostgreSQL database in order to store user account information
- Utilized Mocha for writing test cases.
- Incorporated email functionality
- Worked in 2-week sprints and received feedback from users

Object Oriented Roleplaying | *Java, Git*

November 2022

- Developed a Simple Text Based RPG with a partner
- Drew UML diagrams to visualize how the game would function
- Implemented six unique classes the player could choose from at game start
- Features randomized enemies, as well as a randomized boss encounter after defeating 5 enemies
- Created a loot system, that drops a random potion after defeating an enemy

CK3 Name Assistant | *Python, ChatGPT, Git*

March 2023

- Developed a companion app for the popular game Crusader Kings 3, which has an average concurrent player count of 20,000 daily.
- Returns the pronunciation of a name based on the phonetics of a language of your choice
- Assists in renaming places in-game based on the culture of my player character
- Utilizes Custom Tkinter for the GUI and the OpenAI API

RELEVANT COURSES

Software Projects | *CSC 394*

September – November 2022

- Worked in a group setting to develop a website
- Created a website with a login page, an admin page, and a database
- Incorporated the Steam API in order to display the user's account information, as well as information about the various games that are present on the Steam storefront.

Object Oriented Programming | *SE 350*

September 2022 – November 2022

- Drew UML diagrams of various types, as well as wrote code utilizing said diagrams
- Debugged and wrote unit tests using JUnit

Database Systems | *CSC 355*

September 2022 – November 2022

- Worked with Relational Databases, as well as indexes and normalization, constraints, triggers, transactions, and database programming using SQL and PL/SQL

WORK EXPERIENCE

Mailroom Clerk

DePaul University

August 2021 – Present

Chicago, IL

- Provided customer service to fellow students and staff members with how the DePaul mailing system works
- Responsible for completing 3 different mail routes around campus in a timely manner.
- Utilized parcel tracking software to sort and deliver packages to around 40,000 people and to over 400 locations