Michal Uchmanowicz

Software Developer

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- 📍 Phoenix, AZ

⚕ SKILLS

Software Languages
Java, C#, Python, Javascript, HTML, CSS, C++, SQL

Frameworks
Spring Boot MVC, ASP.NET MVC, Angular, Express, Django, .NET, .NET CORE, Bootstrap

Design Patterns
OOP, Inversion of Control, Separation of Concerns, N-Layer Design Pattern, Documentation (UML, Architecture, Wireframe, ER, Flowchart, Sitemap etc..)

Concepts
Software Devopment Life Cycle, Agile, Scrum, Sprint, Full Stack, MVC Model, Back-End, Containers, JSON, REST API, Unit Testing, Collaboration on Projects

Databases
MySQL, MySQLWorkBench, MongoDB, MongoDBCompass, PHPMyAdmin

Cloud
AWS, Google Cloud, Azure, Heroku

Tools
Github, Postman, Docker, Maven, MAMP, Jira, NodeJs, JUnit, Virtual Machine, Linux, Terminal (Linux)

🎓 EDUCATION

BS in Software Development,
Grand Canyon University | Phoenix, AZ ↗

2021 – PRESENT

Graduation: May 2023.
Current GPA: 3.97

🏅 AWARDS

Distinguished Trustee Scholarship,
William Rainey Harper College | Palatine, IL

1 of 40 to receive a full scholarship at William Rainey Harper College (Associates in Science)

✏ INTERESTS

Java | Python | Artificial Intelligence

Spring | Django | Automation

📇 INTRODUCTION

I am currently a Senior at Grand Canyon University and will be graduating in late April, 2023. I have been interested in the complexity of software as of high-school and have been learning software languages and techniques since. I have recently found myself having a curiosity for machine learning and embedded systems. I am eager to learn.

📁 PROJECTS

Neat is Neat Senior Project,
Python, Pygame, Django, NEAT AI
Currently designing and creating a simple "endless scroller" game within python with an implemented evolutionary Artificial Intelligence in order to play the game. The project's purpose is to explore the concepts of NEAT. The game will upload AI info/results to a database post-game which an included full-stack django webapp will retrieve from an SQL database and display both in a list and in a graph. The django webapp also features user registration and authentication.

Inventory Full-Stack CRUD Webapp,
Java, Springboot, Thymeleaf, Docker, AWS ECS
Designed and created (collaboratory team of 2) a crud webapp that supports polymorphism and different items. Users are able to register, login, view their own inventory, view the "store" inventory, purchase items from the "store", and add each other as friends. An Admin user can create, edit, and delete products within the "store". An SQL database stores products, users, and friendships. Utilizes: IoC, SoC, & N-Layer architecture. Application was later containerized using docker and an image was uploaded to AWS's ECS.

Contacts API / Full Stack CRUD Webapp,
JS Express, JS Angular
Created a Contacts API back end using express which allows for the creating, reading, updating, and deleting of contacts and notes associated with them. A front end using angular was added to the application which provides users with a seamless UI that allows for the before-mentioned operations. Contacts and notes are stored in a MySQL database.

Springboot Cloud "Lift n' Shift",
Springboot stack, AWS, Google Cloud, Azure, Heroku
I created a springboot application and hosted it within several clouds: AWS, Google Cloud, Azure, and Heroku. The cloud hosted springboot Application features a home page and a "pseudo-login", allowing for any input which will take the user to an orders page. The user can see all orders which are retrieved from a MySQL database hosted by the same cloud host.

Minesweeper Full-Stack Webapp,
C#, ASP.NET, JavaScript
Created and deployed (as a collaboratory team of 4) a full-stack minesweeper webapp to Azure. Features include: registration, logging in, a playable minesweeper game, saving of progress in game, and the playing of saved games. An SQL database is implemented to store users and saved games. Utilizes: SoC

Inventory Client & Admin Services Console App,
Java

Designed and created a multithreaded console app that supports polymorphism and websockets (local). The app allows for a client connection to an inventory store in which the client can view, sort, and purchase items. These items are different types. An admin can connect and update the inventory via a json string or view the inventory returned as json. The admin and client connections can be run asynchronously.

🖥 PROFESSIONAL EXPERIENCE

Hoffenmer Inc., *Transportation Consultant and Asst. to Consortium Department Administrator* ⌕

Sep 2019 – PRESENT | Barrington, IL

Worked in the client-service department as a Transportation Consultant. I helped clients achieve compliance within the FMCSA's requirements by assisting in filing the necessary paperwork and registering in FMCSA-mandated programs.

Moved to a different department; Worked as assistant to the Consortium Department Director. This included but was not limited to: scheduling drug tests for clients, recording drug test results, and storing confidential client information.

🏠 ORGANIZATIONS

Harvest Bible Chapel, *Childrens Ministry Volunteer*

2016 – 2019 | Rolling Meadows, IL

Served almost every Sunday as a volunteer in Children's Ministry. This included watching children, leading them, and coordinating events. Children were ages 6-11 yrs.